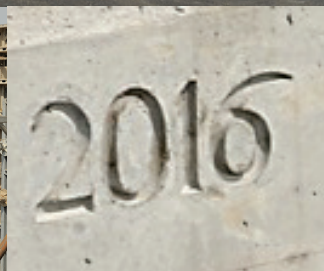
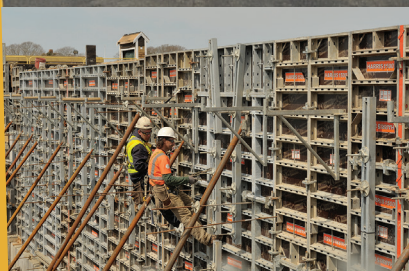
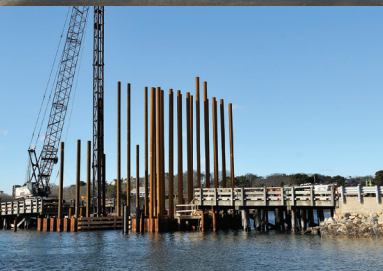


CHATHAM ANNUAL REPORT 2016



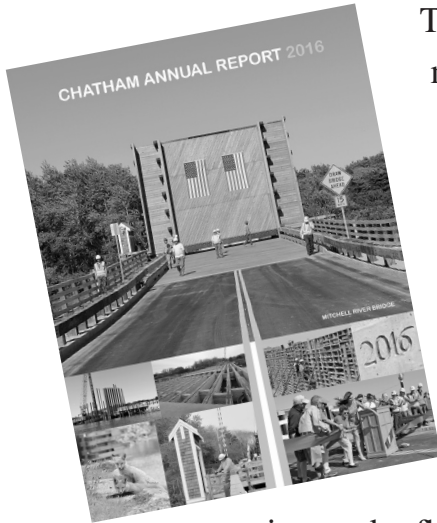
MITCHELL RIVER BRIDGE



CHATHAM ANNUAL REPORT 2016

About the Cover

Front Cover – Mitchell River Drawbridge Replacement Project



The previous wooden Mitchell River Drawbridge was determined to be structurally deficient by the MA Department of Transportation and was placed into the MA Accelerated Bridge Program for expedited design and replacement. Initial design efforts began in 2009 and, after extensive public outreach and historical review, including input from consulting parties, the final design was completed in 2013.

Construction on the \$14 million project began in the fall of 2014. The new bridge retains a wooden superstructure atop a durable substructure of concrete caps and

piers and reflects the efforts paid to ensure it was context sensitive to the history and uniqueness of the bridge it replaced. A ribbon cutting ceremony opening the new bridge to pedestrian traffic was held on June 20, 2016. The bridge opened to vehicular traffic the following day.

– *Photos courtesy of J. Nickerson Photography.*

Back Cover – Muddy Creek Restoration Bridge Project



After over a decade of monitoring water quality, vegetation, and habitat health of Muddy Creek and associated wetlands, the towns of Chatham and Harwich and the Pleasant Bay Alliance coordinated efforts with state and federal agencies to replace undersized culverts with a single span bridge.

The restoration of tidal flow after over 100 years aims to improve water quality, increase tidal range, restore wetlands, and increase biodiversity.

– *Photos courtesy of J. Nickerson Photography,
Dr. Robert Duncanson, Pleasant Bay Alliance.*

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Elected Offices

MODERATOR (3 year term)

William G. Litchfield Term Expires 2018

BOARD OF SELECTMEN (3 year term)

Jeffrey S. Dykens, Chairman
Term Expires 2019
Cory J. Metters, Vice Chairman
Term Expires 2018
Amanda V. Love, Clerk Term Expires 2019
Seth T. Taylor Term Expires 2017
Dean P. Nicastro Term Expires 2018

MONOMOY REGIONAL SCHOOL

DISTRICT COMMITTEE (3 year term)

Stephen B. Davol Term Expires 2018
Jacquelyn Long Term Expires 2017
Donna Richardson Term Expires 2019
Terry Russell Term Expires 2018
Karen Ryder Term Expires 2019
Nancy L. Scott Term Expires 2017
Sharon Stout Term Expires 2017
Brian Widegren Term Expires 2017

BARNSTABLE COUNTY ASSEMBLY OF DELEGATES (2 year term)

Ronald J. Bergstrom Term Expires 2018

CHATHAM HOUSING AUTHORITY (5 year term)

Vacant, State Appointment
William P. Bystrom Term Expires 2018
Alan Mowry Term Expires 2019
Shirley L. Smith Term Expires 2018
Irene Van Duyen Term Expires 2020

Appointed Offices

TOWN MANAGER

Jill R. Goldsmith Town Manager
Shanna Nealy Executive Assistant

FINANCE

Alexandra Heilala Director of Finance/
Town Accountant
Cheryl Serijan Assistant Town Accountant/
Assistant Finance Director
Mary Lancot Accounting Clerk/
Receptionist
Sarah Roberts Accounting Clerk/
Receptionist

TREASURER/COLLECTOR

Tawnya Menesale Treasurer/Tax Collector
Marie Chmura Assistant Treasurer/
Tax Collector
Marissa McKenna Assistant Treasurer/
Tax Collector
Anita A. Beebe Collections Assistant
(Retired 2016)

ASSESSING

Ardelle Kelley Assessing Director
Candace Cook Assistant Assessor
Jon Nahas Assessing Clerk/
Field Technician

HUMAN RESOURCES, HUMAN SERVICES

Gerry Panuczak Human Resources Director

INFORMATION TECHNOLOGY AND CHANNEL 18

Craig Rowe IT Director
James A. Cuddy IT Manager
Ryan Darmon Media Coordinator
Brandon DeTraglia Assistant Media
Coordinator

TOWN CLERK

Julie S. Smith Town Clerk
Paula A. Tobin Assistant Town Clerk

REGISTRARS OF VOTERS

Virginia Laporte
Frank H. Tobin

ELECTION PERSONNEL/INSPECTORS

Evelyn Ambriscoe
Joan Bagnell
Carol Barry
Danyel Bianchi-Matteson
Beverly Brown
Judith Buchanan
Jacqueline Crimins
Scott Daniels
Mary Dempsey
Ann Eldredge
Mary Griffin
Genie Griffin-Hatch
Martha Harrison
Elizabeth Hines
Sandra Koski
Mary Langille
Mary McDermott
Lillian McNulty
Judith Perron
Alexandra (Sandi) Porter
David Porter
Louise Redfield
Ethel Shafter
Jennifer Smith
Christine Storey Hart
Helga Sullivan
Carol Tautkus
Margaret Walker

CONSTABLES

Benjamin J. Nickerson Term Expires 2017
Thomas R. Pennypacker, II
Term Expires 2018
John Proudfoot Term Expires 2019

TOWN COUNSEL

Louison, Costello, Condon, and Pfaff, LLP

COUNCIL ON AGING

Amanda Speakman Director
Eva Marie Souza Outreach Coordinator
Stephanie Shea Outreach Worker
Nancy Michniewicz Receptionist
Shawn Grunwald Secretary
Gerald Golia Driver
Stephen Heffron Driver
Richard Hosmer Driver
Roger Kallstrom Driver
Paul Robinson Driver
William Whelan Driver

VETERANS' SERVICES DIRECTOR

Edward F. Merigan

NATURAL RESOURCES DEPARTMENT

Dr. Robert A. Duncanson Director
Judith H. Giorgio Health Agent
Stephen Ward Health Inspector/Part-time
Sarah Griscom Environmental Technician
Dianne E. Langlois Secretary

COASTAL RESOURCES DIVISION

Theodore L. Keon Director
Renee Gagne Shellfish Constable
Rachel Hutchinson Assistant Shellfish
Constable/ Propagation Specialist

DEPUTY SHELLFISH CONSTABLES

Robert Denn Term Expires 2017
John Dobbins Term Expires 2017
Mark Dobbins Term Expires 2017
Allyson Felix Term Expires 2017
Jeffrey Hahner Term Expires 2017
Janine Hojnoski Term Expires 2017
Peter Kolb Term Expires 2017
John MacMullan Term Expires 2017
Dennis McGee Term Expires 2017

Appointed Offices

DEPUTY SHELLFISH CONSTABLES

Robert Ryder	Term Expires 2017
Lawrence Sampson	Term Expires 2017
Mark Simonitsch	Term Expires 2017
Carl Zartman	Term Expires 2017

SHOREBIRD MONITORS

Suzanne Phillips	Term Expires 2016
Edward Barrett	Term Expires 2016
Kaylin Lemieux	Term Expires 2016
Thomas Olson	Term Expires 2016
Kathleen Phelan	Term Expires 2016
Janet Watts	Term Expires 2016

CONSERVATION DIVISION

Molly Edson	Conservation Agent
Paul Wightman	Asst. Conservation Agent
Mary M. Fougere	Secretary

HARBORMASTER DIVISION

Stuart F.X. Smith	Harbormaster
Jason Holm	Deputy Harbormaster
Susan K. Rocanello	Office Manager/Asst.
Michael Ryder	Coastal Facilities/Wharfinger

ASSISTANT HARBORMASTERS

Matthew Archer	Term Expires 2016
Robert Byrnes	Term Expires 2016
Thomas Deeg	Term Expires 2016
James Horne	Term Expires 2016
Matthew Hussey	Term Expires 2016
Brad L'Etoile	Term Expires 2016
Thomas Murphy	Term Expires 2016
Matthew Seraphin	Term Expires 2016
John Summers	Term Expires 2016
Christopher Woods	Term Expires 2016

HERRING WARDEN

Donald St. Pierre

PERMITS

Francis Ellingham	Permit Clerk
Mark Desmond	Permit Clerk
Susan Fleischman	Permit Clerk
Doug Nichols	Permit Clerk

COMMUNITY DEVELOPMENT DEPARTMENT

Deanna Ruffer	Director
Justin Post	Building Commissioner/Zoning Enforcement Officer/Sign Agent
Jeffrey Chandler	Local Building Inspector
Ryan Bennett	Principal Planner
Kathleen Donovan	Principal Planner

COMMUNITY DEVELOPMENT DEPARTMENT

Anna Brigham	Central Permitting Coordinator
Sarah Clark	Central Permitting Coordinator
Kristen Caruso	GIS Planner
Michele Clarke	Office Manager
Christina Bassett	Secretary

AMERICAN DISABILITIES ACT COORDINATOR

Kristen Caruso

GAS AND PLUMBING INSPECTION

Eric Olkkola	Inspector
Tom David	Deputy Inspector

SURVEYOR OF WOOD, BARK AND LUMBER

Robert J. Liska

WIRING INSPECTION

George McManus	Inspector
Peter Winkler	Deputy Inspector

PRINCIPAL PROJECTS AND OPERATIONS

Terence M. Whalen	Director
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MUNICIPAL BUILDINGS AND GROUNDS

Norman E. Whelan	Assistant Facilities Superintendent
Gary J. Kaser	
Jeffrey Chambers	
John Custodie	
Jerome Kenlyn	
Lori Powell	
Mary Rogers	

POLICE

Mark R. Pawlina	Chief
John Cauble	Deputy Chief
Michael Anderson	Lieutenant
Diane Byers	Animal Control Officer
Melanie Boutin	Administrative Assistant
William R. Glover III	Sergeant
Andrew B. Goddard	Sergeant
Sarah A Harris	Sergeant
William Massey	Sergeant
Louis Malzone	Detective
Geoffrey Phillips	Court Officer
Joseph Amara	Officer
Andrew Hutton	Officer
William Little	Officer
Christopher Merigan	Officer
Michael Murphy	Officer

POLICE

Mark Pasioneck	Officer
Thomas Powers	Officer
Sean Ryder	Officer
Christopher Vardakis	Officer
Brendan Walker	Officer
John Whittle	Officer
Joshua Wisniewski	Officer
Brendan Cronin	Dispatcher
Amanda De Oliveira	Dispatcher
Erin Hemeon	Dispatcher
Jeanine Meehan	Dispatcher

FIRE

Michael Ambriscoe	Chief
Peter Connick	Deputy Chief
David Depasquale	Captain
Matthew Flynn	Captain
Mark Higgins	Captain
Wallace F.N. Wirtz	Captain
Violet Fellman	Lieutenant
David Ready	Lieutenant
Ralph Silvester	Lieutenant
Gerard Smith	Lieutenant
Richard Shevory	Fire Inspector
Mark Heller	EMS Coordinator
Vance Bates	Fire Fighter
Nicholas Black	Fire Fighter
Ryan Clarke	Fire Fighter
Willam Delande	Fire Fighter
William RC Field	Fire Fighter
Harrison Fietz	Fire Fighter
Stacey Henderson	Fire Fighter
Ryan Holmes	Fire Fighter
Timothy Hunter	Fire Fighter
Scott Long	Fire Fighter
Michael Lopriore	Fire Fighter
Rachel McGrath	Fire Fighter
Kevin Moore	Fire Fighter
Shawn Ricard	Fire Fighter
Nicholas Ruggiere	Fire Fighter
Justin Tavano	Fire Fighter
James Young	Fire Fighter

FOREST WARDEN

Michael Ambriscoe

HAZARDOUS MATERIALS COORDINATOR

Michael Ambriscoe

EMERGENCY MANAGEMENT

John Cauble	Emergency Management Director
Stuart F.X. Smith	Emergency Management Deputy Director

Appointed Offices

OIL POLLUTION AND SPILL COORDINATORS

Stuart F.X. Smith - (All Coastal and Marine Activities)
Michael Ambriscoe - (All Inland Activities)

PARKS AND RECREATION

Daniel L. Tobin	Director
Georgia A. Farrell	Recreation Program Supervisor
Suzanne Winkfield	Recreation Coordinator
Sharon Stark	Youth Services Coordinator
Susan Mabile	Secretary
Brian Deveau	Community Building Supervisor
George Gatzogiannis	Community Building Supervisor
Vincent Gulotta	Community Building Supervisor
Walter Quinn	Community Building Supervisor
David Constant	Parks/Grounds Worker
Paul Fougere	Parks/Grounds Worker
Ronald Friend	Parks/Grounds Worker

TREE WARDEN & SUPERINTENDENT OF INSECT AND PEST CONTROL

Daniel L. Tobin

CEMETERY

Linda Goodspeed Secretary

DEPARTMENT OF PUBLIC WORKS, WATER & SEWER DEPARTMENTS

Thomas Temple	Director
Robert Rooney	Interim Director
Pam Jones	Office Administrator
Robin Young	Secretary

HIGHWAY DIVISION

Paul White, Jr.	Foreman
Tucker Dutcher	Sr. Laborer
Gerald Friend	Sp. Equipment Operator
Kenneth Friend	Vehicle Repair
Brian Gates	Sp. Equipment Operator
Brian Powers	Sr. Laborer

TRANSFER STATION DIVISION

Mark Mehall	Supervisor
Gregory Hopkins	Laborer
David Laurie	Sr. Equipment/Machine Operator

Steven Leavenworth
Sr. Equipment/Machine Operator

Jon Long	Laborer
Richard Putnam	Sr. Equipment/Machine Operator

Jennifer Underwood Gate Attendant

PUBLIC WEIGHERS

David Laurie
Steven T. Leavenworth
Jennifer Underwood

Committees/Boards/Commissions

AFFORDABLE HOUSING

Shirley L. Smith, Chairman	Term Expires 2017
Bruce Bean	Term Expires 2018
Stephanie Hamilton	Term Expires 2017
Echo Karras	Term Expires 2017
Karolyn McClelland	Term Expires 2018
Irene Van Duyn	Term Expires 2018

AFFORDABLE HOUSING BOARD OF TRUSTEES

Robert F. Denn	Term Expires 2019
Jeffrey S. Dykens	Term Expires 2019
John Kelleher	Term Expires 2019
Amanda V. Love	Term Expires 2019
Cory J. Metters	Term Expires 2018
Dean P. Nicastro	Term Expires 2018
Seth T. Taylor	Term Expires 2017

AIRPORT COMMISSION

Peter Donovan, Chairman	Term Expires 2019
Michael Geylin	Term Expires 2017
Huntley Harrison	Term Expires 2018
Paula Lofgren	Term Expires 2017
David Owens	Term Expires 2019
Nancy Patterson	Term Expires 2017
Tom Wilson	Term Expires 2018

ASSESSORS

Robert B. Franz, Chairman	Term Expires 2017
Thomas (Nick) Brown	Term Expires 2019
John Burke	Term Expires 2018

AUNT LYDIA'S COVE

Kenneth Eldredge, Chairman	Term Expires 2019
Gregory J. Connors	Term Expires 2019
Doug Feeney	Term Expires 2017
Mark Liska	Term Expires 2017
James F. Nash	Term Expires 2018
Joel Rottner	Term Expires 2018
Darren Saletta	Term Expires 2018

BIKEWAYS COMMITTEE

Karen McPherson, Chairman	Term Expires 2018
Douglas J. Nichols	Term Expires 2019
John O'Toole	Term Expires 2018
James Perry Ponte	Term Expires 2017
Randi Potash	Term Expires 2019
Steven B. Wardle	Term Expires 2017
David Widing	Term Expires 2017

BOARD OF HEALTH

Edwin "Ted" Whittaker, Chairman	Term Expires 2017
John Beckley	Term Expires 2019

BOARD OF HEALTH

Ronald C. Broman	Term Expires 2018
Edward W. Sheehan	Term Expires 2017
Dr. Allen Ward	Term Expires 2018

BARNSTABLE COUNTY COASTAL RESOURCES COMMITTEE

Robert A. Duncanson Until Work Completed

BARNSTABLE COUNTY TECHNICAL ADVISORY COMMITTEE ON DREDGING

Theodore L. Keon	Until Work Completed
Stuart F.X. Smith, Alternate	Until Work Completed

CAPE COD JOINT TRANSPORTATION COMMITTEE

Thomas Temple	Until Work Completed
Terry Whalen, Alternate	Until Work Completed

CAPE COD NATIONAL SEASHORE ADVISORY COMMITTEE

Joseph Craig

CAPE COD REGIONAL TECHNICAL HIGH SCHOOL DISTRICT COMMITTEE

James M. Upson	Term Expires 2018
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Committees/Boards/Commissions

CAPE COD REGIONAL TRANSIT AUTHORITY

Jill Goldsmith Until Work Completed

CABLE ADVISORY COMMITTEE

Huntley Harrison, Chairman

Term Expires 2019
Lisa Franz Term Expires 2017
Richard Garvin Term Expires 2018

CAPE COD COMMISSION

Michael J. Skelley Term Expires 2018

CAPE COD MUNICIPAL HEALTH GROUP BOARD

Gerry Panuczak Until Work Completed

CAPE LIGHT COMPACT

Peter Cocolis Until Work Completed

CAPE & VINEYARD ELECTRIC COOPERATIVE

John H. Scott Until Work Completed

CEMETERY COMMISSION

George W. Jr. Goodspeed, Chairman
Term Expires 2018
Stephen A. Hart Term Expires 2017
David Whitcomb Term Expires 2019

COMMITTEE FOR THE DISABLED

John Poignand, Chairman Term Expires 2017
Carol "Jill" Holmes Term Expires 2018
Robert Hughes Term Expires 2017
Robert Lear Term Expires 2017
Joan Mohr Term Expires 2018
John Raye Term Expires 2017
George Snider, Jr. Term Expires 2019
Ragnhild Bjerke, Associate
Term Expires 2017
Priscilla "Pat" Ford, Associate
Term Expires 2017

COMMUNITY PRESERVATION COMMITTEE

Debbie Aikman, At Large Term Expires 2017
Bruce Bean, Affordable Housing
Term Expires 2018
Victor DiCristina, Land Bank Open Space
Committee Term Expires 2017
Bob Dubis, Planning Board
Term Expires 2017
Jane Moffet, Historical Commission
Term Expires 2019
Alan Mowry, Housing Authority
Term Expires 2017

COMMUNITY PRESERVATION COMMITTEE

Ira Seldin, Park & Recreation Commission
Term Expires 2019
Richard Stenberg, At Large
Term Expires 2018
Dr. Michael Tompsett, Conservation
Commission Term Expires 2017

CONSERVATION COMMISSION

James "Buck" Upson, Chairman
Term Expires 2017
Richard Drury Term Expires 2017
Joanne "Scotti" Finnegan Term Expires 2018
C. Christopher Janien Term Expires 2018
Judith Peterson Term Expires 2019
Joseph Scarlatelli Term Expires 2019
Dr. Michael Tompsett Term Expires 2017

COUNCIL ON AGING BOARD OF DIRECTORS

Carole DeCristopher, Chairman
Term Expires 2017
Joseph Gagliano Term Expires 2018
Audrey E. Gray Term Expires 2018
Betty Magnusson Term Expires 2019
Barbara Segall Term Expires 2017
David Speciale Term Expires 2019
Barbara Waters Term Expires 2019

CULTURAL COUNCIL

Cecile Maranhas, Co-Chairman
Term Expires 2017
Nancy Gothie, Co-Chairman
Term Expires 2018
Winnie Lear Term Expires 2018
Faith Rushnak Term Expires 2017
Linda Saunders Term Expires 2018
Pam Weiler Term Expires 2018
Lynne Van Dine Weller Term Expires 2018

ECONOMIC DEVELOPMENT COMMITTEE

Luther Bates, Chairman Term Expires 2018
Stephen Buckley Term Expires 2018
Walter Bush Term Expires 2018
Michael Gorman Term Expires 2017
George Khalil Term Expires 2017
Darren Saletta Term Expires 2019
Andrew Wade Term Expires 2019

ENERGY COMMITTEE

John H. Scott, Chairman Term Expires 2018
Richard Cooper Kelsey Term Expires 2016
Katherine McClellan Term Expires 2017
John Poignand Term Expires 2017
Robert Wirtshafter Term Expires 2018

FINANCE COMMITTEE

Stephen Daniel, Chairman
Term Expires 2017
Norma Avellar Term Expires 2019
Roslyn B. Coleman Term Expires 2018
Barbara Matteson Term Expires 2017
John Pappalardo Term Expires 2017
Florence Seldin Term Expires 2018
Jo Ann Sprague Term Expires 2018
Steve West Term Expires 2019
John L. Whelan Term Expires 2019

GOLF ADVISORY COMMITTEE

Bruce Bogardus, Chairman
Term Expires 2017
Carl Bertolino Term Expires 2017
Edward Boyce Term Expires 2019
Stephen Kuzma Term Expires 2018
Gordon Pratt Term Expires 2017

HISTORIC BUSINESS DISTRICT COMMITTEE

Daniel A. Sylver, Chairman
Term Expires 2017
Darci Sequin Term Expires 2019
Jackson Smith Term Expires 2018
Theodore P. Streibert Term Expires 2017
Lynn Van Dine Weller Term Expires 2017

HISTORICAL COMMISSION

Frank A. Messina, Chairman
Term Expires 2018
Stephanie Hamilton Term Expires 2019
William E. Manley Term Expires 2017
Jane Moffett Term Expires 2017
Robert D. Oliver Term Expires 2019
Sandi Porter Term Expires 2018
Benjamin Smolenski Term Expires 2019
Robert Lear, Alternate Term Expires 2017
Timothy Smith, Alternate Term Expires 2017

HUMAN SERVICES

Janice O'Connell, Chairman
Term Expires 2017
Paul Brown Term Expires 2017
Joanne Donoghue Term Expires 2019
Kathleen (CeCe) Motz Term Expires 2018
Randi Potash Term Expires 2019
Margaret Stenberg Term Expires 2018
Ann Wade Term Expires 2019
Jack Zillox Term Expires 2017

INDEPENDENCE DAY PARADE COMMITTEE

Brad Schiff, Chairman Term Expires 2017
Janet Fields Term Expires 2017
Jennifer Gibbs Term Expires 2018
Danielle Jeanloz Term Expires 2019
John King Term Expires 2017

Committees/Boards/Commissions

INSURANCE ADVISORY COMMITTEE

Richard E. Hunter Until Work Completed

LAND BANK OPEN SPACE COMMITTEE

George W. Cooper, Chairman

	Term Expires 2019
Victor Di Cristina	Term Expires 2019
John (Jack) Farrell	Term Expires 2018
Hrant "Hank" Russian	Term Expires 2018
Ali van der Burg	Term Expires 2017
David Doherty, Alternate	Term Expires 2017

LOCAL STATE BUILDING CODE

BOARD OF APPEALS

Larry Sampson	Term Expires 2019
David R. Crockett	Term Expires 2017
Peter Polhemus	Term Expires 2018

PARK & RECREATION COMMISSION

Meredith Fry, Chairman	Term Expires 2019
Jim DeVoe	Term Expires 2017
David Eldredge	Term Expires 2019
Kimberly Robbins	Term Expires 2018
Ira Seldin	Term Expires 2018

PLANNING BOARD

Peter Cocolis, Chairman	Term Expires 2017
Robert W. Dubis	Term Expires 2017
Peter Farber	Term Expires 2019
Kathryn Halpern	Term Expires 2018
Diane Holt	Term Expires 2018
John D. Marsh	Term Expires 2018
Robert Wirtshafter	Term Expires 2018

PLEASANT BAY RESOURCE

MANAGEMENT ALLIANCE

STEERING COMMITTEE

Jane Harris	Until Work Completed
Charles J. Bartlett, Alternate	Until Work Completed

PUBLIC CEREMONIES

Carol Abel	Term Expires 2017
Robert B. Franz	Term Expires 2018

RAILROAD MUSEUM WORKING

GROUP

James Aaron	Until Work Completed
Donald Aikman	Until Work Completed
John E. Gulow	Until Work Completed
Stephen Hart	Until Work Completed
Roland (Ron) Kelley	Until Work Completed
William Koerner	Until Work Completed
Ryder Martin	Until Work Completed
Ralph Pape	Until Work Completed
Robert Shafter	Until Work Completed
William Tuxbury	Until Work Completed
Malcolm L. Ward	Until Work Completed

SHELLFISH ADVISORY COMMITTEE

Jamie Bassett, Chairman	Term Expires 2017
William Babarbe	Term Expires 2019
John Garey	Term Expires 2018
Barry Greco	Term Expires 2019
David C. Likos	Term Expires 2019
Wendy Homer	Term Expires 2017
Stephen A. Wright	Term Expires 2019

SOUTH COASTAL HARBOR

MANAGEMENT

Michael Westgate, Chairman	Until Work Completed
Kristin Andres	Until Work Completed
Ernest Eldredge	Until Work Completed
Dean W. Ervin	Until Work Completed
Thomas G. King	Until Work Completed
David Likos	Until Work Completed
George Olmsted	Until Work Completed

SUMMER RESIDENTS ADVISORY

COMMITTEE

Michael Waters, Chair	Term Expires 2018
Roger Allen Donald	Term Expires 2019
Katherine D. Flynn	Term Expires 2018
Jill N. MacDonald	Term Expires 2018
Katherine A. Malfa	Term Expires 2019
Christina Dykstra Mead	Term Expires 2019
Jamie Meehan	Term Expires 2017
Colette B. Traylor, Ph.D.	Term Expires 2017
Philip A. Richardson	Term Expires 2017
Joel Rottner	Term Expires 2017
Peter J. Tarrant	Term Expires 2018

TRAFFIC SAFETY COMMITTEE

Ronald C. Meservey, Chairman

	Until Work Completed
Dick Hunter	Until Work Completed
Janet C. Newton	Until Work Completed
Richard J. Stacey	Until Work Completed
Tom Doane	Until Work Completed

WATER & SEWER ADVISORY

COMMITTEE

Larry Sampson, Chairman	Term Expires 2019
Debbie Aikman	Term Expires 2017
Charles J. Bartlett	Term Expires 2018
George Cooper	Term Expires 2019
Michael Skelley	Term Expires 2017

WATERWAYS ADVISORY COMMITTEE

Peter W. Taylor, Chairman

	Term Expires 2018
Edward D. Conway	Term Expires 2019
David G. Davis	Term Expires 2017
John Heuther,	Term Expires 2019
Richard Hosmer	Term Expires 2017
Timothy Linnell	Term Expires 2018
Samuel Lucarelli	Term Expires 2019

ZONING BOARD OF APPEALS

Robert B. Hessler, Chairman

	Term Expires 2017
Joseph F. Craig,	Term Expires 2019
Donald Freeman	Term Expires 2018
David S. Nixon	Term Expires 2019
David Veach	Term Expires 2018
Happy Van Sickle, Associate	Term Expires 2017
Rick Leavitt, Associate	Term Expires 2017
Paul Semple, Associate	Term Expires 2017



In Memoriam
2016

Carolyn Coursen	William Hurteau	Florence Hackman	Elizabeth (Betsy) Suravich
Marguerite "Peg" Falconer	Gail Nickerson	John "Jack" Higgins	Robert Ward
Richard J. Gulick	James Spence	Donald Howes	

Board of Selectmen

Calendar year 2016 was noteworthy in many respects for the Town of Chatham.

The Town continued its long history of prudent financial management. Town Meeting approved an operating budget for FY2017 that increased a scant 2.87 % over FY2016. The property tax rate was increased by .01 cent to \$5.03 per thousand. The property tax rate remains the lowest of any town on Cape Cod. The Town's bond rating was re-affirmed by Standard and Poor's at a stellar AAA rating. Maintaining the Town's strong financial position remains one of the highest priorities for the Board of Selectmen. Chatham is tremendously advantaged financially given the strength of its property valuations.

Issues from prior years continued to prove nettlesome. Of most import, is the ongoing controversy over which party, the Federal government or the Commonwealth of Massachusetts together with the Town of Chatham, owns, controls, and manages the waters west of the Monomoy National Wildlife Refuge. During 2015 the Town successfully negotiated an agreement with the US Fish and Wildlife Service that preserved local control over the waters east of a line drawn from the Morris Island weather station to the Monomoy light house. However, ownership and control over the waters west of the refuge remains undecided. Working with our State and Federal legislative delegations, the Board of Selectmen pursued a legislative solution that resulted in U.S. Representative Keating filing legislation late in the legislative calendar to preserve the western boundary as it had been recognized for decades by the Town and the Commonwealth of Massachusetts. Representative Keating re-filed the legislation in February of 2017. The Town remains hopeful that a legislative solution, or an administrative change of heart by the US Fish and Wildlife Service, will avoid lengthy and costly litigation. The Attorney General of the Commonwealth of Massachusetts is on record that the Commonwealth will file litigation should it prove necessary.

The issue over the appropriateness of skydiving at our municipal airport also continued. A citizens group filed litigation challenging the safety of the activity at Chatham's municipal airport and the awarding of a skydiving contract remains in abeyance.

The Board of Selectmen continued the Town's historical commitment to invest in infrastructure and needed capital improvements.

After initial planning was approved in 2008 and finally receiving approval at the 2013 Town Meeting, the new \$10.3m Fire Station was completed and dedicated in May. The Fire and Rescue Department now has a state-of-the-art facility that will provide excellent

service to both our Fire and Rescue personnel and to our citizens for decades to come.

After a lengthy, but fruitful, design process the Mitchell River Bridge replacement project was completed and a dedication ceremony held in June. From all perspectives the fine work of Chatham's engaged citizenry, Town staff and consultants resulted in a unique and handsome working drawbridge that is truly one of a kind! The \$15m project fully funded by State and Federal funds is a prime example of what can be accomplished by engaged citizens and State and local governments that are willing to work together to achieve a common goal.

The Muddy Creek Bridge Restoration project, undertaken in conjunction with the Town of Harwich, commenced in 2015. Supported by State and Federal grants as well as municipal funds, the project increases the saltwater tidal flow into the Monomoy River by replacing the culverts that ran under Route 28 with a bridge. Completed and dedicated in May 2016, the project is yet another example of how cooperation can lead to potentially dramatic results. In this case, both Chatham and Harwich will reap the benefits of improved tidal flow and flush in the Monomoy River which could reduce the need for extensive sewer infrastructure in adjacent neighborhoods. The bridge project received a 2017 Silver Engineering Excellence Award from the American Council of Engineering Companies of Massachusetts in February 2017.

Discussions with the Town of Harwich on the sharing of capacity at Chatham's wastewater treatment facility continued throughout 2016. The stated desire of the discussions is to utilize existing regional capacity and to avoid duplicative and unnecessary expensive investments in municipal infrastructure. Both Towns have agreed on the terms of an acceptable draft inter-municipal agreement that would govern the potential future use by Harwich of Chatham's wastewater facility. Approval of the agreement will likely be an agenda item at the 2017 annual Town Meeting in May.

The Town continued its commitment to water quality and to the protection of our precious environment as Phase 1A of the wastewater management plan was completed. This phase focused on the Oyster Pond and Little Mill Pond watersheds.

During 2016 the Town implemented volunteer water restrictions during the summer when demand for water has noticeably increased. The Board adopted more stringent regulations governing the use of irrigation systems and the filling of swimming pools. Maintaining the quality and the availability of potable water is of the highest priority for the

Board of Selectmen. To that end, funds were approved at the 2016 Annual Town Meeting to construct a water treatment facility for Town wells number 6, 7 and 9 to remove iron and manganese. Bringing those wells on line permanently at full capacity will help insure the availability of fresh water during times of peak demand.

The West Chatham roadway project is nearer to completion as the project reached the 100% design phase. Public hearings were held jointly by the Historic Business District Commission and the Planning Board to receive the public's input and to make recommendations to the Commonwealth on landscaping, lighting, and hardscaping related to the project.

The Board voiced its desire to replace the current Senior Center that houses the Council on Aging. Given a demographic skewed markedly toward the elderly with the second oldest population in the Commonwealth, it is time Chatham's commitment to its elder citizens mirrored its historically generous investments in buildings, water, wastewater and roadway infrastructure.

The Board made numerous appointments to its regulatory boards including the Conservation Commission, the Planning Board and the Historic Business District Committee. Many new volunteers were appointed to the numerous non-regulatory committees that are so valuable and necessary to support the work of the Town Manager and of the Board of Selectmen. The Board of Selectmen effusively thanks our volunteers for their selfless service to the Town.

The Board welcomed one new member in 2016 as Ms. Amanda Love was elected to replace Tim Roper on the Board. Tim Roper served the Town admirably in his two terms on the Board including a turn as its Chair.

The Board has been fortunate indeed to work with a professional Town Manager and an extremely dedicated Town staff. The work of the Board of Selectmen as we create policy and provide strategic direction for the Town coherent with the Town's Charter is made much easier given the input and guidance of our talented municipal employees. The hard work of the Town's employees is very much appreciated.

The Board of Selectmen will continue to work to enhance the quality of life for all its citizens in this wonderful Town. The Board welcomes and appreciates the strong engagement of our public as we strive together to improve our lives in this beautiful and unique community.

**Respectfully submitted,
Jeffrey S. Dykens, Chairman**

Town Manager

I feel very privileged to have served as your Town Manager in 2016, my 5th year – and the 304th year of our great community! Over the course of the year, I worked diligently at efforts to keep the citizenry connected to the Town's policy makers and the services offered by our very dedicated Town employees.

We continued to make great efforts to provide 24/7 access to Town departments – via Town's website www.chatham-ma.gov. The website is even easier to navigate using a smart phone or tablet device, and meetings are available on demand via the Channel 18 or "Meeting Videos" link. The public has even greater access to meeting information – agendas, packets, and minutes via the Town's "Meetings Calendar" link. Additionally this Annual Report as well as the prior three years is available on the Town Manager's web page – <http://www.chatham-ma.gov/town-manager>. The Town Manager's web-page also provides links to the Monthly Reports to the Board of Selectmen (BOS) now in its fifth year.

The FY2017 (July 1, 2016-June 30, 2017) budget and financial planning efforts are highlighted on the Town's website in "Budget Central." The Town Manager Budget Message includes a look at the previous year as well as future forecasts in consideration of economic conditions, quality of life, core services, and a conscious effort to contain the Town's tax rate to limited growth – the most recent Budget Book can be reviewed at <http://www.chatham-ma.gov/budget-central>. Budget summaries from FY2001 to current are also available in Budget Central.

In 2016, we worked to enhance payment opportunities for Town transactions. In addition to providing on-line credit and debit payments for property, excise, water/sewer bills, Town departments such as the Beach/Transfer Sticker Permit Office, Recreation, and Town Clerk also accepted credit/debit cards. All on-line payment options as well as debit/credit transactions are processed through a third party secure site. Added this year were on-line sewer connection applications and inspections, as well as Fire Department Burn permits.

Many strategic planning efforts continued in partnership with the Board of Selectmen (BOS). As noted in the BOS Annual Report, much work was done on strategic land-use planning and capital facilities. Such included continuation of the Route 28 Corridor Land Use Visioning Project (Crowell Rd to Harwich) initial protective bylaw amendments approved at the 2016 Annual Town Meeting and the West Chatham Roadway Design Project (Barn Hill Rd to George Ryder Rd). Following concept design discussions since 2007 and Town approval in the fall of 2013, the new Chatham Fire & Rescue Station Headquarters project was completed. Much of 2016 was directed to maintaining existing Town facilities with a focus on public access to waterfront infrastructure such as the

property at 90 Bridge Street acquired in 2015, and Fish Pier facility improvements. In addition, the \$16m grant-funded Mitchell River Bridge project was completed in June 2016.

We continued advocacy of the Town's jurisdictional boundary position related to the US Fish and Wildlife Service (USFWS) Draft Comprehensive Conservation Plan and Environmental Impact Statement for Monomoy National Wildlife Refuge. With all recognizing the Town has been a good steward of Monomoy for many generations, the primary issue is ownership – as the Commonwealth owns the submerged lands and the Town manages the open waters in conjunction with the Commonwealth – i.e. the refuge and wilderness boundary limit is at mean low water. Our visit in June culminated with the agreement by Congressman Keating to file legislation clarifying the western boundary. Our legislative partnership remains strong at the local, State, and Federal levels.

Fiscal Review Efforts

In addition to our multi-year financial forecasts, it is important to recognize substantial achievements or events that occurred following Town Meeting's acceptance of our budget philosophy and strategy:

- **Bond Rating** - The Town's bond rating of AAA was re-affirmed by Standard and Poor's in August 2016. S&P Global Ratings assigned its 'AAA' long-term rating to the Town's general obligation (GO) refunding bonds and also affirmed its 'AAA' long-term rating to the Town's GO debt outstanding. Such rating means extremely strong capacity to meet financial commitments; Highest Rating. Attributing to its affirmation, the rating agency noted the Town's commitment to sound fiscal policies, strong financial management and reserves, and trust in the officials and professional staff. We initiated the review as part of the bond refunding (same duration/term) of 2005 and 2008 bonds in the amount of \$7.365M, for an estimated \$725,900 in net present value savings over the existing duration.
- **SRAC Annual Town Meeting** - The Summer Residents Advisory Committee (SRAC), appointed by the Board of Selectmen, held its annual Town Meeting on August 2, 2016. The financial presentations and scorecard results demonstrated cohesion and shared Town vision for financial matters by SRAC, Town officials, and our Finance Team, which is a significant collaboration since 2012.
- **Budget Summits** – The first series of Budget Summits were held in the summer of 2012. The FY2018 Budget Summit was held on October 11, 2016. Multi-year financial forecasts and assumptions were reviewed and updated for the 2018 fiscal year and beyond, as well as an examination of financial indicators for revenues and cost controls. Participants included the Board of Selectmen, Finance Committee,

Monomoy Regional School District (MRSD) Committee/Administration, and Department Heads. At the Budget Summits, we discussed financial trends, prior recommendations by the Finance Committee and SRAC, and discussed funding priorities. Discussion at the recent Summit focused on the Town's liability for "Other Post-Employment Benefits" (OPEB) as it relates to health insurance for retired Town employees, staffing and operation needs for continued and expanded services desired by Town officials, and a broad ranging revenue discussion.

- **Senior Tax Work-off Program** – established by Town Meeting in 2012, we embarked on Year 4 of the program. The program provides senior taxpayers with property tax relief – through an opportunity to receive a tax abatement of up to \$500 annually by sharing intellectual and lifetime experiences by working with Town staff. The program is flourishing and many projects were undertaken utilizing our Chatham talent. In 2016, eighteen participants worked 1012 hours and volunteered an additional 74 hours in 9 different departments/divisions, completing projects not achievable with Town staffing.
- **Grants** - Town Departments continue to be very successful in obtaining grants and such is noted in the budget book by department. Notable in 2016 was a FEMA grant awarded to the Chatham Fire Department, under the leadership of retiring Fire Chief Ambriscoe, in the amount of \$475,000 for an additional Fire Pumper Truck. Also of note is the \$1.4M Seaport Economic Council grant for the OMBY Project. The Town had applied for both grants for many years and persistence paid off!

Annual Setting of the Board of Selectmen (BOS) Goals - BOS goals, with implementation objectives for the Town Manager, is an important component to the partnership between the BOS and Town Manager. Since 2012, and annually thereafter, following the Fall Budget Summit, the BOS embarks on a collaborative approach to communicate its mission, directives, and resultant goals. We initiated the same process in November, which provided funding priorities and continued the theme of fiscal responsibility and infrastructure planning. Such is published on the Town's website.

Town drinking water facility improvements were also enhanced in 2016 with additional funding approved for an expanded water treatment plant. While we have excellent water quality, naturally occurring subsurface minerals, such as Iron and Manganese, may increase requiring treatment and/or filtration to maintain the quality consumers expect. Regular discussions were held by the BOS as Water & Sewer Commissioners and staff made regular presentations on water pumpage and use. Another part of managing water use is to more accurately, and efficiently, meter the water and collect consumption data in a timely manner to better

Town Manager

understand water demand trends. Implementing the Automatic Meter Reading Device (AMR) Capital Program allows not only more efficient data collection using radio frequency transmission, but it replaces outdated meters that have exceeded their useful life. As of December 31, 2016, 3,741 meters were installed with an additional 3,207 installations targeted.

Wastewater/Sewer Project – Next Phase

Progress continues on the multi-year, multi-contract Phase 1C, funded at the 2013 and 2014 Annual Town Meetings. Phase 1C targets the restoration of Oyster Pond and Little Mill Pond watershed. Additional benefits will result as improved water quality in Oyster Pond and Little Mill Pond propagates throughout the Stage Harbor System. The first contract, 1C-1, was completed in 2015 and during 2016 homeowners began connecting to the new sewer. Seventy-four (74) properties were connected to the sewer system in 2016, with a further 20 permits issued and awaiting final connection. In addition, 66 applications were in various stages of processing at the end of 2016. From January 1, 2013 through December 31, 2016, 259 properties have been connected.

A non-sewer project, but one having a significant impact on water quality and potentially future sewer projects, was completed in 2016. The Muddy Creek Restoration Bridge Project, a joint effort of Chatham and Harwich along with State and Federal agencies, was completed resulting in the re-opening of Muddy Creek to full tidal flow for the first time in approximately 100 years. Preliminary water quality data from summer 2016 saw significant improvement in salinity and dissolved oxygen levels indicating the increased tidal flow is having a positive effect. The Project was completed on time and on budget. The Project Team was successful in obtaining grants totaling \$4.6M toward the overall project cost of \$6.47M.

Chatham and Harwich continued work on an Intermunicipal Agreement (IMA) for Harwich's potential use of the Chatham wastewater treatment facility address wastewater nitrogen for the East Harwich area, within the jointly shared watersheds to Muddy Creek and Pleasant Bay.

Waterfront Infrastructure Projects – Status

Investment in waterfront infrastructure continued to be central tenet in Chatham. The Mitchell River Bridge Project (MRBP), a \$16M grant funded full replacement of the bridge by MA Department of Transportation, was completed in June 2016. The combination of concrete substructure and wood superstructure design is a compromise to ensure long-life while acknowledging the historic value of previous bridges at the location.

The Town moved forward on upgrades at 90 Bridge Street, a small parcel located adjacent to the Mitchell River Bridge. Purchased by the Town in 2014 this property provides multiple waterfront access opportunities. Replacement of the existing Chapter 91 licensed pier, completed

in early 2016, allows water access while more substantial plans for the property are developed. A joint scoping session of the Waterways Advisory Committee, Shellfish Advisory Committee, and South Coastal Harbor Management Plan Committee was held in November to discuss various uses.

Work began on the bulkhead replacement project at Old Mill Boat Yard following award of the contract to BTT Marine Construction Co. of East Boston. This project is funded by a \$1.1M grant from the State's Seaport Economic Council and \$550K in Town matching funds. The project includes replacement of the bulkhead along the parking lot and Harbormasters Building with new FRP (fiberglass reinforced plastic) sheeting that will resist marine borers and rusting, unlike wood or metal sheeting respectively, construction of concrete boat wash down pad, installation of new concrete float system, and improvements to the upweller water intake and discharge lines. At the end of 2016 the project was on time and on budget for completion in spring 2017.

The Town is moving forward with initial planning for the Eldredge Pier next to OMBY. Purchased in 2016 the pier will continue to be utilized by the Eldredge's for commercial fishing under a lease. Similar to 90 Bridge Street, the Town will engage a consultant to work with staff, interested committees, and the public on future needs at this property. The overall concept for the property is to support the commercial fishing fleet as an alternative to the Fish Pier. The Town will also be working with the Stage Harbor Yacht Club who owns the pier/property immediately to the west.

Projects continue at the Fish Pier; with the completion of an overall assessment of the facility in 2016. This comprehensive study looked at all facets, including building, utilities, life-safety, site features, and marine infrastructure (i.e. bulkheads, floats, etc.). The firm of CLE Engineering, Marion, MA, has been hired to design and oversee replacement of the Fish Pier Observation. Replacement will also allow issues related to the decks connection to the Fish Packing Building to be properly addressed.

Renewable Energy

The four renewable solar energy photovoltaic [PV] installations, fully operational for a second calendar year in 2016, continue to be a cornerstone of the Town's movement towards generating 100% of the electrical energy consumed at municipal facilities. The PV systems at the capped former landfill, Water Pollution Control Facility, Police Department and Town Offices Annex generated over 2,500,000 kWh in calendar year 2016 to offset Chatham's total electrical demand. This total PV system performance from both ground mounted and rooftop panel installations realized generation of 86% of total energy demand at municipal facilities in 2016 with net benefits from the PV projects of over \$221,000 in FY2016 and is on target

to meet the projection of over \$3.6 million in cumulative financial benefit by the end of the power purchase agreements at year 20.

Additional efforts to save energy and operational costs have been incorporated in the design of the new Fire Rescue Station Headquarters project. These measures include high efficiency LED lighting, water boilers and heating and cooling systems. Upon completion of the project the Town received incentive payments of over \$11,000 from National Grid for installing high efficiency equipment. An audit and retrofit at the Chatham Airport, coordinated by the Cape Light Compact, was completed in 2016. Over \$17,000 in retrofits (bulbs, fixtures, etc.) were provided by the CLC with a projected annual savings of approximately 26,000 kWh of energy resulting in projected annual savings of over \$4,700.

Personnel/Staffing Levels

As has been the practice in Chatham, each year we determine the appropriate staffing levels for the core services provided. As the economy continues to recover, we have seen an accompanying increase in activity and service requests in several departments. We continue to review service delivery and the most efficient manner in which to deliver those services; whether it is through a regional partnership, increase (or decrease by attrition) in staff, or reassignment of current personnel. There were staffing enhancements approved in FY2017 totaling 3 Full-time Equivalents - IT/Channel 18, Fire/EMS Department, and Natural Resources. We also conducted a review of job functions by Seasonal and Temporary employees as the Town relies on part-time seasonal and intermittent staffing throughout the year - almost 40% of the workforce.

We had our first Town Employee Recognition program in June to close out the fiscal year with an ice cream social. We recognized years of service and introduced new employees hired during the fiscal year. All employees received lapel/ball cap pins.

At the recent Budget Summit, information was presented on succession planning which is an ongoing priority for me as almost 50% of our employees have longevity ranging from 11 to 40 years of service.

Final Notes

As we look back on the year, it is important to acknowledge the many dedicated and hardworking Town employees who strive to retain the Town's unique culture, tradition, and excellent customer service. Their creative approach to problem-solving and operational improvements enabled us to implement new technologies, new programs, and new processes to refine and enhance our operations and delivery of critical services to the community. We are here to serve you 24/7 and welcome your input on how we can serve you better.

Respectfully submitted,
Jill R. Goldsmith, Town Manager

CHATHAM ANNUAL REPORT 2016

Annual Financial Reports and Town Employees Annual Wages

Finance Department

In accordance with the provisions of Chapter 41 §61 of the Massachusetts General Laws, I hereby submit a report for the receipts and expenditures for the Town of Chatham for the Fiscal Year ending June 30, 2016 unless otherwise stated. Also included is a balance sheet and miscellaneous financial reports.

Respectfully submitted,
Alexandra Heilala, Finance Director

Town of Chatham – Combined Balance Sheet – All Fund Types Account Groups – June 30, 2016

		Governmental Fund Types				Fiduciary Fund Types	Account Group	Totals
	General	Special	Capital	Enterprise		Trust	Long-Term	(Memorandum)
ASSETS	Fund	Revenue	Project	Funds		and Agency	Obligation	Only
		Funds	Funds			Funds	Accounts	
Cash and cash equivalents	\$ 12,617,999	\$ 9,261,362	\$ (632,575)	\$ 236,453	\$ 4,120,067			25,603,307
Investments					9,991			9,991
Property taxes receivable	231,971	39,437						271,408
Other receivables: Notes			25,362,648					25,362,648
Motor vehicle and boat excise	321,855							321,855
Water, sewer rates and special assessments		90,836						90,836
Tax liens	472,210							472,210
Intergovernmental	-							-
Tax foreclosures	36,543							36,543
Deferred property taxes	6,099							6,099
Apportioned leases	289,624	2,114,200						2,403,824
Departmental and other receivables	550,107					-		550,107
								-
Due from other governments in future years:								
School building assistance								-
Principal and interest subsidies								-
To be provided in future years for:								
Retirement of lease payable							85,550,732	85,550,732
Retirement of bonds							15,870,868	15,870,868
Total Assets	\$ 14,526,408	\$ 11,505,835	\$ 24,730,073	\$ 236,453	\$ 4,130,058	\$ 101,421,600	\$ 156,550,427	
<u>LIABILITIES AND FUND EQUITIES</u>								
Liabilities:								
Warrants payable	\$ 510,603	\$285,964	\$ 789,168	\$ 1,800	\$ 8,110			\$ 1,595,645
Amounts withheld from employees	105,419							105,419
Abandoned and Unclaimed Property	96,239							96,239
Other agency payables						663,906		663,906
Provision for tax refunds								-
Due to general fund		(65)						(65)
Lease payable								-
Bonds and notes payable			25,854,148				85,550,732	111,404,880
Loans authorized and unissued							15,870,868	15,870,868
Deferred revenue	1,872,065	2,244,573	-	-	-	-	-	4,116,638
Total liabilities	2,584,327	2,530,471	26,643,316	1,800	672,017	101,421,600		133,853,531
Fund balances:								
Non-expendable trust funds						601,007		601,007
Reserve for Debt Exclusion Premium	1,291,097							1,291,097
Reserved for encumbrances and continued appropriations	3,571,451	2,452,357						6,023,809
Reserved for expenditure	3,053,600	350,000	-1,913,243					1,490,357
Reserve for Overlay Deficit								0
Reserve for Snow & Ice Deficit	-103,771							-103,771
Unreserved	4,129,705	6,173,006	0	234,653	2,857,034			13,394,398
Total fund balance	11,942,082	8,975,364	-1,913,243	234,653	3,458,041	-		22,696,896
Total liabilities and fund balance	\$ 14,526,408	\$ 11,505,835	\$ 24,730,073	\$ 236,453	\$ 4,130,058	\$ 101,421,600	\$ 156,550,427	

Town of Chatham – Balance Sheet June 30, 2016 – General Fund

ASSETS		
Cash		12,617,999.16
2007 & Prior Personal Property	109,785.32	
2008 Personal Property	(2,145.28)	
2009 Personal Property	1,101.27	
2010 Personal Property	1,522.62	
2011 Personal Property	1,535.17	
2012 Personal Property	1,584.35	
2013 Personal Property	2,122.52	
2014 Personal Property	2,894.62	
2015 Personal Property	3,689.69	
2016 Personal Property	<u>5,624.37</u>	
		127,714.65
2007 & Prior Real Estate Taxes Receivable	8,021.10	
2008 Real Estate Taxes Receivable	(462.12)	
2009 Real Estate Taxes Receivable	598.64	
2010 Real Estate Taxes Receivable	(2,158.13)	
2011 Real Estate Taxes Receivable	4,288.31	
2012 Real Estate Taxes Receivable	(1,411.85)	
2013 Real Estate Taxes Receivable	4,738.73	
2014 Real Estate Taxes Receivable	6,092.87	
2015 Real Estate Taxes Receivable	167,175.68	
2016 Real Estate Taxes Receivable	<u>580,096.76</u>	
		766,979.89
Deferred Real Estate Taxes Receivable		6,098.59
Tax Liens	421,117.01	
Septic Betterment Liens	-	
Sewer Rate Liens	-	
Water Betterment Liens Receivable	29,724.32	
Land Bank Tax Liens Receivable	9,096.23	
Water Bill Liens Receivable	5,380.48	
CPA Liens Receivable	<u>6,891.72</u>	
		472,209.76
2007 & Prior Motor Vehicle Taxes Receivable	84,377.40	
2008 Motor Vehicle Taxes Receivable	5,460.98	
2009 Motor Vehicle Taxes Receivable	4,928.94	
2010 Motor Vehicle Taxes Receivable	3,102.55	
2011 Motor Vehicle Taxes Receivable	4,656.12	
2012 Motor Vehicle Taxes Receivable	2,951.07	
2013 Motor Vehicle Taxes Receivable	5,140.27	
2014 Motor Vehicle Taxes Receivable	6,353.40	
2015 Motor Vehicle Taxes Receivable	15,036.98	
2016 Motor Vehicle Taxes Receivable	<u>82,390.57</u>	
		214,398.28
2007 & Prior Boat Excise Taxes Receivable	62,789.64	
2008 Boat Excise Taxes Receivable	3,312.22	
2009 Boat Excise Taxes Receivable	3,409.25	
2010 Boat Excise Taxes Receivable	2,902.50	
2011 Boat Excise Taxes Receivable	2,292.75	
2012 Boat Excise Taxes Receivable	2,533.49	
2013 Boat Excise Taxes Receivable	3,150.54	
2014 Boat Excise Taxes Receivable	5,095.10	
2015 Boat Excise Taxes Receivable	7,124.04	
2016 Boat Excise Taxes Receivable	<u>14,847.56</u>	
		107,457.09
2007 & Prior Provisions for Abatements	(107,393.77)	
2008 Provisions for Abatements	(1,366.69)	
2009 Provisions for Abatements	(776.08)	
2010 Provisions for Abatements	-	
2011 Provisions for Abatements	(22,098.51)	
2012 Provisions for Abatements	(22,910.50)	
2013 Provisions for Abatements	(32,839.40)	
2014 Provisions for Abatements	(91,031.15)	
2015 Provisions for Abatements	(142,588.09)	
2016 Provisions for Abatements	<u>(241,719.25)</u>	
		(662,723.44)
Due from State		-
Septage Accounts Receivable	6,154.52	
Sewer Rate Liens	5,520.46	
Sewer Rate Lien Interest	(8,557.66)	
2010 Sewer Miscellaneous Receivable	61.31	
2010 Sewer Rates Receivable	(440.00)	
2011 Sewer Rates Receivable	575.12	
2011 Sewer Miscellaneous Receivable	300.00	
2012 Sewer Rates Receivable	396.56	
2013 Sewer Miscellaneous Receivable	-	
2013 Sewer Rates Receivable	1,570.75	
2014 Sewer Rates Receivable	29,843.62	
2014 Sewer Miscellaneous Receivable	(26,388.81)	
2015 Sewer Rates Receivable	9,628.66	
2016 Sewer Rates Receivable	3,058.54	
2015 Sewer Miscellaneous Receivable	524.60	
2016 Sewer Miscellaneous Receivable	<u>1,735.44</u>	
		23,983.11
Airport Accounts Receivable	(8,040.00)	
Ambulance Receivable	228,205.30	
Beach Concessions	(9,300.00)	
Coast Guard Lease	(8,040.00)	
Landfill Accounts Receivable	69,278.95	
Parking Clerk	<u>13,575.16</u>	
		285,679.41
Tax Possessions		36,542.59
Street Betterments	217,154.31	
Street Committed Interest	<u>9,898.65</u>	
		227,052.96
Apportioned Street Assessments 2017	23,631.92	
Apportioned Street Assessments 2018	23,631.92	
Apportioned Street Assessments 2019	23,631.92	
Apportioned Street Assessments 2020	22,460.29	
Apportioned Street Assessments 2021	22,071.29	
Apportioned Street Assessments 2022	18,084.15	
Apportioned Street Assessments 2023	18,084.15	
Apportioned Street Assessments 2024	17,384.15	
Apportioned Street Assessments 2025	17,384.34	
Apportioned Street Assessments 2026	16,509.17	
Apportioned Street Assessments 2027	16,509.17	

Town of Chatham – Balance Sheet June 30, 2016 – General Fund

Apportioned Street Assessments 2028	16,509.17	
Apportioned Street Assessments 2029	16,509.17	
Apportioned Street Assessments 2030	3,071.88	
Apportioned Street Assessments 2031	3,071.88	
Apportioned Street Assessments 2032	3,071.88	
Apportioned Street Assessments 2033	3,071.88	
		264,688.33
Water Betterments	13,181.10	
Water Committed Interest	<u>210.87</u>	
		13,391.97
Apportioned Water Betterments 2012	-	
Apportioned Water Betterments 2013		
Apportioned Water Betterments 2014	11,863.96	
		11,863.96
Septic Betterments	4,099.95	
Septic Committed Interest	<u>323.44</u>	
		4,423.39
Apportioned Septic Assessment 2017	1,508.24	
Apportioned Septic Assessment 2018	1,508.24	
Apportioned Septic Assessment 2019	1,508.24	
Apportioned Septic Assessment 2020	1,508.24	
Apportioned Septic Assessment 2021	1,508.24	
Apportioned Septic Assessment 2022	553.74	
Apportioned Septic Assessment 2023	553.74	
		<u>8,648.68</u>
Total Assets		<u>14,526,408.38</u>

LIABILITIES & FUND EQUITIES

Liabilities:		
Warrants Payable	510,603.28	-
Group Insurance Payable	105,417.52	
FICA Payable	1.68	
Abandoned & Unclaimed Property	<u>96,239.43</u>	
		712,261.91
Deferred Revenue:		
Deferred Revenue Real & Personal Property Tax	238,037.76	
Deferred Revenue Tax Liens	419,437.29	
Deferred Revenue Tax Foreclosures	-	
Deferred Revenue Land Bank Tax Liens	10,023.62	
Deferred Revenue Water Betterment Liens	29,724.32	
Deferred Revenue Motor Vehicle Excise	214,729.52	
Deferred Revenue Boats, Ships & Vessels Excise	107,402.09	
Deferred Revenue Sewer Betterment Liens	1,127.50	
Deferred Revenue Sewer Usage	23,983.11	
Deferred Revenue Sewer Rate Liens	1,154.44	
Deferred Revenue Departmental	285,679.41	
Deferred Revenue Federal & State Grant	-	
Deferred Revenue Street	368.19	
Deferred Revenue Street Betterments	226,684.77	
Deferred Revenue Water Betterments	13,391.97	
Deferred Revenue Deferred Real Estate Taxes	5,210.75	
Deferred Revenue Apportioned Street Betterments	259,477.58	
Deferred Revenue Apportioned Water Betterments	11,863.96	
Deferred Revenue Apportioned Septic Betterments	7,140.44	
Deferred Revenue Septic Assessments	3,649.69	
Deferred Revenue Water Bill Liens	5,380.48	
Deferred Revenue CPA Liens	<u>7,597.94</u>	
		<u>1,872,064.83</u>
Total Liabilities		2,584,326.74
General Fund Equities:		
Reserve for Encumbrances		3,571,451.48
Reserve for Expenditures		3,053,600.00
Reserve for Snow & Ice Deficit		-
Reserve for Appropriation Deficit		(103,771.38)
Reserve for Overlay		-
Reserve for Debt Exclusion Premium		1,291,097.00
Unreserved Fund Equity		4,129,704.54
Fund Equity Actual		
Total Fund Equity		<u>11,942,081.64</u>
Total Liabilities & Fund Equities		<u>14,526,408.38</u>
		14,526,408.38

Town of Chatham – 2016 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Moderator:										
Salaries	600.00				600.00	600.00		-		-
Expenses	50.00				50.00	20.00		30.00	30.00	-
Selectmen:										
Salaries	-				-			-		-
Expenses	10,500.00				10,500.00			-		-
Art 9/96 - Lighthouse Overlook	1,000.00				1,000.00	1,393.73	(393.73)	-		-
Art 4, STM 11/00 - I-Net Construction	2,939.64				2,939.64			2,939.64		2,939.64
	9,283.00				9,283.00			9,283.00		9,283.00
Town Manager:										
Salaries	-				-			-		-
Expenses	223,627.78				223,627.78	225,153.07	(1,525.29)	(0.00)		(0.00)
Art 14, ATM 5/02 - Bike Path	164,200.00				164,200.00	159,170.36	3,143.78	1,885.86	93.23	1,792.63
Art ATM 5/06 Wastewater Facility	21,998.70				21,998.70			21,998.70		21,998.70
Art 11 Stabilization Transfer-Trailers	4,197.00				4,197.00			4,197.00		4,197.00
Art 14 5/10 Stabilization Tr-Dredging/Shellfish	35,884.00				35,884.00			35,884.00		35,884.00
Art 16 5/13 CMEA Settlement	27,889.12				27,889.12	(367.00)		28,256.12		28,256.12
Art 1 STM 9/15/14 Monomoy CCP Response	205,609.00			(67,785.36)	137,823.64	79,112.56		58,711.08		58,711.08
Art 2 STM 8/27 OPM Fire Design	152,085.84				152,085.84	78,207.94		73,877.90		73,877.90
Art 6 ATM 5/04 Forest Assessment & Management	-				-			-		-
Art 6 ATM 5/04 ADA Compliance	3,900.00				3,900.00			3,900.00		3,900.00
Art 6, ATM 5/05 - Land Bank Appraisal Costs	15,028.00				15,028.00			15,028.00		15,028.00
Art 9 ATM 5/07 Main St Municipal Parking Lot	466.31				466.31			466.31		466.31
Art 34 ATM 5/14 Bridge Street Acquisition	3,669.36				3,669.36			3,669.36		3,669.36
Prior Year Bills -	4,550.40				4,550.40			4,550.40		4,550.40
Parking Clerk:										
Salaries	-				-			-		-
Expenses	4,000.00				4,000.00			-		-
Prior Year Encumbrances	2,500.00				2,500.00	1,671.38	828.62	-		-
Personnel Services:										
Salaries & Wages	-				-			-		-
Expenses	91,470.96				91,470.96	91,888.52	(417.56)	0.00		0.00
Prior Year Encumbrances	8,900.00			2,960.75	11,860.75	20,848.83	(8,988.08)	-		-
Salary Adjustment Account	-			(461.36)	-	392.16	597.75	-		-
Finance Committee:										
Salaries	66,891.94				66,430.58			65,440.67		65,440.67
Expenses	-				-			-		-
Prior Year Encumbrances	2,000.00				2,000.00	691.44	1,308.56	-		-
Finance Department:	600.00				600.00	211.98	388.02	-		-
Salaries	-				-			-		-
Expenses	593,472.37				593,472.37	564,574.69	28,897.68	(0.00)		(0.00)
Prior Year Encumbrances	109,350.00				109,350.00	38,336.54	52,029.78	18,983.68	680.25	18,303.43
Art 6 ATM 5/04 Business Machines	20,770.95				20,770.95	18,689.95		2,081.00	2,081.00	-
Information Systems:										
Salaries	12,200.67				12,200.67			12,200.67		12,200.67
Expenses	-				-			-		-
Prior year encumbrances	262,077.04				262,077.04	260,435.32	1,641.72	-		-
Art 13, Annual - land mgt, assessment & GIS	141,250.00				141,250.00	147,727.97	(6,477.97)	-		-
Art 13, ATM 5/15 - Server Upgrade	-				-			-		-
Annual - Channel 18 Equipment	-				-			-		-
	150,000.00				150,000.00	47,225.76	(47,225.76)	-		-
	10,000.00				10,000.00	12,749.57	64,322.75	72,927.68		72,927.68
							10,000.00	-		-

Town of Chatham – 2016 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
MIS Channel 18 capital	23,453.17				23,453.17	5,280.30	18,172.87	-		-
Art 6 ATM 5/05 VOIP Phone system	3,147.15				3,147.15	10,378.20	(7,231.05)	-		-
Art 6, Annual Hardware Replacement & upgrade	68,073.33				68,073.33	101,275.89	(33,202.56)	-		-
Audit:	-				-			-		-
Expenses	32,000.00				32,000.00	32,701.00	(701.00)	-		-
Prior year encumbrances	-				-			-		-
Law Department:										
Expenses	97,500.00			500.00	98,000.00	176,074.56	(78,074.56)	-		-
Prior Year Encumbrances	-				-			-		-
Town Clerk:										
Salaries	124,664.23				124,664.23	126,446.09	(1,781.86)	-		-
Expenses	13,565.00				13,565.00	6,180.48	7,384.52	-		-
Art 9 ATM 05/08 New Voting Machines	8,500.00				8,500.00			8,500.00		8,500.00
Elections & Registrations:										
Salaries	-				-			-		-
Expenses	1,275.00				1,275.00	350.00	925.00	-		-
Prior Year Encumbrances	30,250.00				30,250.00	24,247.32	6,002.68	-		-
Permit Office										
Salaries	20,111.00				20,111.00	31,704.77	(11,593.77)	-		-
Expenses	3,500.00				3,500.00	2,972.63	527.37	-		-
Prior Year Encumbrances	-				-			-		-
Non-Voting Taxpayer Advisory Committee:										
Expenses	2,300.00				2,300.00	2,147.50	152.50	-		-
Engineering:										
Annual C&E	166,209.05				166,209.05	48,962.93		117,246.12		117,246.12
Projects Administration										
Salaries	96,621.76			461.36	97,083.12	97,083.12		-		-
Expenses	13,350.00				13,350.00	12,060.41	1,289.59	-		-
Prior Year Encumbrances	-				-			-		-
Total General Government	3,067,481.77		-	(64,324.61)	3,003,157.16	2,441,099.97	(0.00)	562,057.19		-
Insurance:										
Watercraft Insurance	17,900.00				17,900.00	18,003.00		(103.00)	(103.00)	-
Fleet - Motor Vehicle Insurance	49,000.00				49,000.00	56,301.00		(7,301.00)	(7,301.00)	-
Mooring Insurance	1,775.00				1,775.00			1,775.00	1,775.00	-
Flood Insurance	10,000.00				10,000.00	16,990.00		(6,990.00)	(6,990.00)	-
Public Officials Liability Insurance	18,500.00				18,500.00	19,038.00		(538.00)	(538.00)	-
General Liability & Building Insurance	397,500.00				397,500.00	295,375.56		102,124.44	102,124.44	-
Uninsured Damages	15,000.00				15,000.00	93,290.49		(78,290.49)	(78,290.49)	-
Prior Year Encumbrances	-				-			-		-
Reserve Fund:										
Expenses	100,000.00	(25,000.00)			75,000.00			75,000.00	75,000.00	-
Total Undistributed Insurance and Reserve	609,675.00	(25,000.00)			584,675.00	498,998.05	-	85,676.95		-

Town of Chatham – 2016 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Police Department:					-					
Salaries	2,202,925.51			85,000.00	2,287,925.51	2,346,213.81	(25,951.05)	(32,337.25)	(32,337.25)	-
Expenses	163,296.00				163,296.00	142,988.70	20,307.30	-	-	(0.00)
Prior Year Encumbrances	-				-			-	-	-
Accident Recons Equip	2,010.65				2,010.65			2,010.65		2,010.65
Annual Cruiser Replacement	90,898.10				90,898.10	84,453.99		6,444.11		6,444.11
Art 9 5/14 Radar Units	-				-			-	-	-
Art 9, 5/14 - Unmarked Vehicle	-				-			-	-	-
Art 9 5/12 Motorcycle Lease	-				-			-	-	-
Art 9 5/13 & 5/15 Cruiser Radios	16,000.00				16,000.00	7,655.50		8,344.50		8,344.50
Art 9 5/13 AED Units	1,590.09				1,590.09	894.75		695.34		695.34
Animal Control:					-					
Salaries	60,868.32			(25,000.00)	35,868.32	31,870.86	3,997.46	-		-
Expenses	1,900.00				1,900.00	474.96	1,371.06	53.98		53.98
Emergency Management:					-					
Salaries	2,500.00				2,500.00		2,500.00	-	-	-
Expenses	6,600.00				6,600.00	4,375.23	2,224.77	-	-	-
Art 9 5/14 Generators	131,186.59				131,186.59			131,186.59		131,186.59
Annual - Emergency Management brochures	2,969.32				2,969.32			2,969.32		2,969.32
Fire Department:					-					
Salaries	2,671,563.65			35,000.00	2,706,563.65	2,775,916.59		(69,352.94)	(69,352.94)	-
Expenses	424,250.00				424,250.00	431,122.73	(4,791.54)	(2,081.19)	(2,081.19)	0.00
Prior Year Encumbrances	-				-			-	-	-
Annual- Hose Replacement	5,058.54				5,058.54	5,058.54		-	-	-
Ambulance / Rescue	245,126.85				245,126.85	6,976.38		238,150.47		238,150.47
Thermal imaging camera	500.00				500.00	500.00		-	-	-
Art 9 5/14 Staff Vehicle	-				-			-	-	-
Art 13 5/15 Stretcher	14,500.00				14,500.00			14,500.00		14,500.00
Art 10 5/10 Upgrade Breathing apparatus	10,181.83				10,181.83	9,182.60		999.23		999.23
Art 10 5/10 CO-Oximeter	131.00				131.00	131.00		-	-	-
Annual - Protective Clothing/Forestry Clothing	15,475.03				15,475.03	13,060.31		2,414.72		2,414.72
Matching FEMA Grant Funds Pumper Truck	-	25,000.00			25,000.00			25,000.00		25,000.00
Cape & Islands EMS:					-					
Expenses	5,493.00				5,493.00	5,492.12		0.88	0.88	0.00
Oil Pollution Control:					-					
Expenses	1,030.00				1,030.00	688.00	342.00	-	-	-
Public Safety Total	6,076,054.48	25,000.00	-	95,000.00	6,196,054.48	5,867,056.07	-	328,998.41	-	-
Community Development:					-					
Salaries	639,276.00			49,324.61	688,600.61	685,683.35	2,917.26	(0.00)		(0.00)
Expenses	61,400.00				61,400.00	48,326.43	(2,917.26)	15,990.83	14,150.53	1,840.30
Prior Year Encumbrances	35,500.00				35,500.00	18,988.08		16,511.92	16,511.92	-
Art 10 5/10 GPS Data Collection Device	1,855.33				1,855.33			1,855.33		1,855.33
Art 8, 5/00 - Ryder's Cove Parking Facility	3,510.07				3,510.07			3,510.07		3,510.07
Art 8, 5/98 Develop Design Guidelines	7,000.00				7,000.00	4,450.00		2,550.00		2,550.00
Art 7, 5/01 - Capital Budget - Comp Zoning Bylaw Rewrite	10,151.05				10,151.05			10,151.05		10,151.05
Art 6, 5/02 - Capital Budget - Historical Properties Survey	222.45				222.45	222.45	-	-	-	-

Town of Chatham – 2016 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Art 12, 5/02 Comprehensive Wastewater Mgmt Plan	675.00				675.00	675.00		-		-
Art 9, 5/13 - Inspections Vehicle	28,000.00				28,000.00			28,000.00		28,000.00
Art 7, 5/03 - Annex Sound System	3,225.00				3,225.00			3,225.00		3,225.00
Art 9 5/12 GIS Flyover	80,511.00				80,511.00			80,511.00		80,511.00
Economic Development:	-				-			-		-
Expenses	55,000.00				55,000.00			-		-
Prior Year Encumbrances					-					
Total Community Development	926,325.90	-	-	49,324.61	975,650.51	813,345.31	-	162,305.20		
Health Department:										
Salaries	301,216.11				-					
Expenses	88,150.00			(20,000.00)	281,216.11	270,983.08	1,848.62	8,384.41	8,384.41	(0.00)
H&E Vehicle	-				88,150.00	89,998.62	(1,848.62)	0.00	-	0.00
Prior Year Encumbrances	13,741.85				13,741.85	1,366.85		12,375.00	12,375.00	-
Conservation Commission:										
Salaries & Wages	168,344.99				-					
Expenses	18,300.00				168,344.99	151,197.55		17,147.44	17,147.44	-
Prior Year Encumbrances	10,000.00				18,300.00	11,286.03		7,013.97	7,013.97	-
ATM 05/08/12 Conservation Land Mgmt/Forest Mgt	21,234.16				10,000.00	10,000.00		-		
Laboratory:					21,234.16	1,260.00		19,974.16	19,974.16	19,974.16
Art 68, 5/98 Flow Monitoring System	4,000.00				-					
Art 8 5/00 Equipment Water Quality Monitoring Instr.	14,299.50				4,000.00			4,000.00		4,000.00
Pleasant Bay Management Plan:					14,299.50			14,299.50		14,299.50
Expenses	32,900.00				-	32,900.00		-		-
Stormwater Management:										
Art 27/90 - Runoff Oyster Pond	-				-					
Annual Drainage/Stormwater Management	93,692.34				93,692.34	43,036.50		50,655.84		50,655.84
Art 8, 5/99 Little Mill Pond	20,600.00				20,600.00			20,600.00		20,600.00
Art 6 ATM 5/04 Mass Estuaries Project	1,500.00				1,500.00	-		1,500.00		1,500.00
Art 6 5/05 ATM Forest Management Plan	7,382.07				7,382.07	161.88		7,220.19		7,220.19
Annual Lovers Lake/Stillwater Pond Restor	7,394.80				7,394.80			7,394.80		7,394.80
Art 9 5/08 Sylvan Gardens Restoration/Mgmt	9,769.25				9,769.25	65.00		9,704.25		9,704.25
Waterways Advisory Committee:										
Salaries	200.00			-	-	200.00		-		-
Expenses	800.00			-	800.00	739.60		60.40	60.40	-
Harbormaster:										
Salaries	328,785.56				328,785.56	330,325.60	(1,540.04)	0.00		0.00
Expenses	94,043.00				94,043.00	91,625.35	1,540.04	877.61	877.61	(0.00)
Prior Year Encumbrances	-				-			-		-
Art 7, 5/03 - Mooring Management	5,379.68				5,379.68	3,955.95		1,423.73		1,423.73
Annual Town Landing	5,137.39				5,137.39	4,413.79		723.60		723.60
Annual- Aids to Navigation	13,273.00				13,273.00	7,339.13		5,933.87		5,933.87
Art 10 5/10 Fuel Dispenser replacement	4,518.00				4,518.00	4,518.00		-		-
Art 10 5/10 Fish Pier Repairs	68,002.58			(6,848.21)	61,154.37	46,380.20		14,774.17		14,774.17
Annual Boat Maintenance & Equipment	8,532.39				8,532.39	8,532.39		-		-
Art 10 5/09 Fish Pier Parking Lot	12,000.00				12,000.00	7,329.64		4,670.36		4,670.36
Art 9 5/15 Diesel & Gas Tank Replacement	160,000.00				160,000.00	6,586.00		153,414.00		153,414.00
ATM Article - Annual Mitchell River Bridge	9,170.29				9,170.29			9,170.29		9,170.29

Town of Chatham – 2016 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Art 9 5/12 Fish Pier Repairs	25,299.02			6,848.21	32,147.23	32,147.23		0.00		0.00
Art 9 5/14 Truck Replacement	7,428.73				7,428.73	7,428.73		-		-
Art 13 5/13 Boat Trailer Replacement	4,500.00				4,500.00			4,500.00		4,500.00
Art 13 5/15 Harbormaster Engine Replacement	7,506.49				7,506.49			-		-
Coastal Resources: (CR & Shellfish & Shellfish Adv)										
Salaries	261,061.28				-					
Expenses	19,430.00			-	261,061.28	245,154.69		15,906.59	15,906.59	-
Prior Year Encumbrances	869.93				19,430.00	16,491.17		2,938.83	2,868.63	70.20
Art 8/97 North Beach Management	4,264.72				869.93	869.93		-		-
ATM Article - Annual Dredging Program	178,640.95				4,264.72			4,264.72		4,264.72
ATM Article - Aerial Shoreline Photo Survey	27,595.70				178,640.95	46,202.00		132,438.95		132,438.95
ATM Article-Shellfish Outboard Engine Replacement	22,353.19				27,595.70	13,008.25		14,587.45		14,587.45
Art 8, 5/00 - Cockle Cove Beach Renourishment	2,280.30				22,353.19	8,930.97		13,422.22		13,422.22
Art 9, 5/12 - Shellfish Truck	3,721.76				2,280.30			2,280.30		2,280.30
Art 7, 5/03 - Fish Pier Dinghy Floats	500.00				3,721.76			3,721.76		3,721.76
Art 9, 5/13 - OMBY Pier & Float Repairs	350,000.00				500.00			500.00		500.00
Art13, 5/15 Oyster Pond Bulkhead removal	18,000.00				350,000.00			350,000.00		350,000.00
Art 16 5/15 - Bridge Street Pier Reconstruction	175,000.00				18,000.00			18,000.00		18,000.00
ATM Article Town Landing Maintenance	36,319.52				175,000.00	124,773.78		50,226.22		50,226.22
Art 6 5/14 H&E North Beach Truck	512.02				36,319.52	21,618.52		14,701.00		14,701.00
Art 10 5/09 Nantucket Shoreline Assessment	5.00				512.02			512.02		512.02
Art 11 5/08 Mill Creek Dredging	3,005.76				5.00			5.00		5.00
Stage Harbor Management/So Coastal:					3,005.76			3,005.76		3,005.76
Salaries	500.00			-	-	178.60		321.40	321.40	-
Expenses	500.00				500.00			500.00	500.00	-
Total Health & Environment w/Coastal Resources	2,671,661.33	-	-	(20,000.00)	2,651,661.33	1,648,511.52	-	1,003,149.81		
Education:										
Monomoy Regional Assessment	8,207,932.00				-	8,207,932.00		-		-
Cape Cod Tech Assessment	309,122.00				8,207,932.00	309,122.00		-		-
Total Education	8,517,054.00	-	-		8,517,054.00	8,517,054.00	-	-		
Highway Department:										
Salaries	358,530.72				-	366,844.12	(8,313.40)	(0.00)		(0.00)
Expenses	62,200.00				62,200.00	72,207.38	(10,007.38)	-		-
Prior Year Encumbrances	-				-			-		-
ATM Article - Annual Paving	264,096.87				264,096.87	63,653.88		200,442.99		200,442.99
ATM Article - Annual Catch Basins	87,481.60				87,481.60	11,934.10		75,547.50		75,547.50
ATM Article - Annual Crack Repair	25,000.00				25,000.00	4,131.26		20,868.74		20,868.74
Annual Emergency Road Repair	10,315.98				10,315.98	1,627.31		8,688.67		8,688.67
Art 10 5/09 Front End Loader	-				-			-		-
Art97, 5/13 - Street Signs	5,079.89				5,079.89	4,352.02		727.87		727.87
Annual Sidewalk Construction	208,875.79				208,875.79	62,302.37		146,573.42		146,573.42
Art 6 ATM 5/04 New DPW Building Equip	-				-			-		-
Annual Bike Trail Maintenance	26,404.93				26,404.93			26,404.93		26,404.93
Art 8 ATM 5/14 Pickup Truck w/Plow	45,409.00				45,409.00	38,416.00		6,993.00		6,993.00
Snow & Ice:										
Salaries	16,000.00				16,000.00	25,909.40	(9,909.40)	-		-

Town of Chatham – 2016 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Expenses	75,000.00			25,000.00	100,000.00	164,392.02	(64,392.02)	-		-
Street Lighting:										
Expenses	23,000.00				23,000.00	17,057.64	5,942.36	-		-
Central Fuel Depot:										
Expenses	206,000.00			(75,000.00)	131,000.00	109,148.52	21,851.48	-		-
Solid Waste Management:										
Salaries	-				-					-
Expenses	331,783.56				331,783.56	301,341.43	16,346.25	14,095.88	14,095.88	-
Prior Year Encumbrances	608,600.00				608,600.00	720,909.79	(112,309.79)	-		-
Art 9 5/13 Recycling Improvements	-				-					-
Art 10 5/09 Building Maintenance	250,000.00				250,000.00	63,547.00		186,453.00		186,453.00
Art 13 5/15 Front End Loader	-				-					-
Sewer Department:										
Salaries	23,322.88				23,322.88	27,020.74	(3,697.86)	-		-
Expenses	916,000.00				916,000.00	908,597.54	0.20	7,402.26	1,202.26	6,200.00
Prior Year Encumbrances	3,061.70				3,061.70	3,061.90	(0.20)	(0.00)		(0.00)
Art 10 5/10 Flatbed Truck	-				-					-
Art 4, STM 1/02 - Sewer Capital	12,282.19				12,282.19	11,488.70		793.49		793.49
Art 6, ATM 5/02 - Capital Budget - Rep Main Fac Influent Sc	3,822.00				3,822.00	3,100.00		722.00		722.00
Airport Commission:										
Art 12 5/08 Airport Runway Construction	29,050.46				29,050.46	2,430.41		26,620.05		26,620.05
Annual - Continuing Modernization	326.80				326.80			326.80		326.80
Cemetery Commission:										
Salaries	17,799.00				17,799.00	13,184.30		4,614.70	4,614.70	-
Expenses	64,200.00				64,200.00	60,697.64		3,502.36	1,502.36	2,000.00
Prior Year Encumbrances	-				-					-
Annual - Cemetery Road Resurface & Ext	2,549.34				2,549.34			2,549.34		2,549.34
Annual - Clean & Repair Head Stones	1,000.00				1,000.00			1,000.00		1,000.00
Art 8, 5/00 - Complete Expansion of Union Cemetery	85.20				85.20			85.20		85.20
Art 9 5/13 - Expansion of Seaside Cemetery	135,806.35				135,806.35	6,192.50		129,613.85		129,613.85
Municipal Buildings & Grounds:										
Salaries	280,873.39				280,873.39	258,093.20		22,780.19	22,780.19	-
Expenses	478,000.00				478,000.00	374,803.76	103,196.24	-		-
Annual Property Maintenance/Building Maintenance	114,850.26				114,850.26	108,846.12	(28,894.82)	34,898.96		34,898.96
Art 9, ATM 5/14 Fish Pier Repairs	236,731.13				236,731.13	24,859.01		211,872.12		211,872.12
Park & Recreation:										
Salaries	881,108.50				881,108.50	797,616.22	83,492.28	-		-
Expenses	164,260.00				164,260.00	146,563.20	6,696.06	11,000.74	10,930.68	70.06
Prior Year Encumbrances	-				-					-
Art 9, ATM 5/13 - Replace 1 Ton Dump Truck	10,643.00				10,643.00			10,643.00		10,643.00
Art 13 ATM 5/15 Cardio Equipment	6,000.00				6,000.00			6,000.00		6,000.00
Art 8 ATM 5/07 Comm Center Outfitting	10,637.35				10,637.35			10,637.35		10,637.35
Art 6, STM 8/27 Skateboard Park	42,500.00				42,500.00	39,500.00		3,000.00		3,000.00
Art 9 5/08 Comm Center Program Consultant	1,038.39				1,038.39			1,038.39		1,038.39
Lighthouse Beach										
Salaries	56,000.00				56,000.00	47,434.50		8,565.50	8,565.50	-
Expenses	14,000.00				14,000.00	5,666.39		8,333.61	8,333.61	-

Town of Chatham – 2016 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Art 13 ATM 5/15 ATV Replacement	16,000.00				16,000.00	11,843.16		4,156.84		4,156.84
Prior Year Encumbrances	-				-					
Total Public Works	6,482,998.22	-	-	(50,000.00)	6,432,998.22	4,909,367.47	0.00	1,523,630.75		
Council on Aging:										
Salaries	244,618.00				-					
Expenses	19,775.00				244,618.00	202,854.96	7,376.60	34,386.44	34,386.44	-
Prior Year Encumbrances	-				19,775.00	26,397.22	(7,376.60)	754.38		753.38
Art 13 ATM 05/15 COA Van	48,000.00				-					
Veterans District:					48,000.00			48,000.00		48,000.00
Expenses	75,835.00				-					
Prior Year Encumbrances	-				65,835.00	56,795.61		9,039.39	8,939.39	100.00
Contract Public Assistance:										
Chatham/Orleans VNA	22,500.00				-					
Monomoy Community Service	117,000.00				22,500.00	22,125.00		375.00		375.00
CapeAbilities	5,500.00				117,000.00	117,000.00		-		-
CC Child Development	5,500.00				5,500.00	5,375.00		125.00		125.00
Independence House	6,000.00				5,500.00	5,500.00		-		-
Legal Services of Cape Cod	5,100.00				6,000.00	6,000.00		-		-
Sight Loss Service	900.00				5,100.00	5,100.00		-		-
Big Brother/Big Sister	3,750.00				900.00	900.00		-		-
Lower Cape Outreach	10,000.00				3,750.00	-		3,750.00	750.00	3,000.00
Interfaith Council for the Homeless	7,000.00				10,000.00	10,000.00		-		-
Aids Council (CARES)	2,000.00				7,000.00	7,000.00		-		-
Elder Services of Cape Cod	6,000.00				2,000.00	2,000.00		-		-
Consumer Assistance	350.00				6,000.00	4,500.00		1,500.00		1,500.00
Operation in from the cold	1,000.00				350.00	350.00		-		-
Duffy Health Center	2,000.00				1,000.00	3,000.00	(2,000.00)	-		-
Outer Cape Health Services	4,000.00				2,000.00	-	2,000.00	-		-
Gosnold	8,000.00				4,000.00	4,000.00		-		-
Cultural Council	4,000.00				8,000.00	8,000.00		-		-
Childcare Network Voucher	8,500.00				4,000.00	4,000.00		-		-
ARC of Cape Cod	1,000.00				8,500.00	2,539.70		5,960.30	3,960.30	2,000.00
Public Libraries					1,000.00	1,000.00		-		-
Eldredge Public Library	462,752.00				462,752.00	462,750.84		1.16	1.16	0.00
South Chatham Library	6,375.00				6,375.00	5,100.00		1,275.00		1,275.00
Railroad Museum:										
Expenses	3,000.00				-	1,043.19	94.48	2,051.29	2,051.29	-
Prior Year Encumbrances	-				-			-		-
Public Ceremonies:										
Expenses	17,000.00				17,000.00	17,094.48	(94.48)	0.00		0.00
Other Public Events:										
Chatham Band	7,500.00				-	7,500.00		-		-
Total Community and Social Services	1,104,955.00	-	-	(10,000.00)	1,094,955.00	987,926.00	-	107,217.96		

Town of Chatham – 2016 General Fund Appropriations and Expenditure Ledger

Account	Total ATM and encumbered	Reserve Fund	Salary Adjustments	Budget Adjustments	Appropriation Balance	Expenditures	Interfund Transfers	Budget Ending	Closed to Revenue	Balance Encumbered
Debt Service:										
Principal	5,577,798.01				5,577,798.01	5,420,211.30		157,586.71	157,586.71	-
Interest - Long-term	2,257,759.81				2,257,759.81	2,253,964.81		3,795.00	3,795.00	-
Interest - Short-term	25,000.00				25,000.00	47,902.46		(22,902.46)	(22,902.46)	-
Total Debt Service	7,860,557.82			-	7,860,557.82	7,722,078.57	-	138,479.25		-
Employee Benefits:										
Prior Year Encumbrances	2,315.02				2,315.02	2,315.02		-	-	-
Workers Compensation	66,000.00			20,000.00	86,000.00	85,607.00		393.00	393.00	-
Medicare/Social Security	137,500.00			15,000.00	152,500.00	148,898.31		3,601.69	2,162.89	1,438.80
Unemployment	40,000.00			(15,000.00)	25,000.00	24,482.62		517.38	517.38	0.00
Public Safety Employee Injury Insurance	20,000.00			855.00	20,855.00	20,855.00		-	-	-
Barnstable County Retirement	1,762,864.00			(20,855.00)	1,742,009.00	1,729,864.00		12,145.00	12,145.00	-
Group Health Insurance	2,396,800.00				2,396,800.00	2,194,077.75		202,722.25	202,722.25	-
Prior Year encumbrances	-				-	-		-	-	-
Total Employee Benefits	4,425,479.02	-	-	-	4,425,479.02	4,206,099.70	-	219,379.32		-
	41,742,242.54	-	-	-	41,742,242.54	37,611,536.66	0.00	4,130,894.84	559,442.36	3,571,451.48

Town of Chatham – Balance Sheet June 30, 2016 – Special Revenue Fund

ASSETS

Cash	\$3,344,633.55
Land Bank Receivables 2016	\$16,436.63
Land Bank Receivables 2015	\$4,865.89
Land Bank Receivables 2014	(\$144.87)
Land Bank Receivables 2013	\$976.41
Land Bank Receivables 2012	\$0.30
Land Bank Receivables 2011	\$90.45
Land Bank Receivables 2010	(\$69.81)
Land Bank Receivables 2009	\$23.57
Land Bank Receivables 2008	\$41.51
Land Bank Receivables 2007 & Prior	<u>(\$10.65)</u>

Total Assets		\$3,366,842.98
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LIABILITIES & FUND EQUITIES

Liabilities:		
Warrants Payable		\$208,565.59
Deferred Revenue-Land Bank		<u>\$22,209.43</u>
Total Liabilities		\$230,775.02
Fund Equities		
Federal Grants:		
Cops Fast		\$1,367.00
Cops More		\$47.46
Police Vests Grant		\$301.39
FEMA Assistance to Fire Fighters		\$28,306.65
Micro Loan		\$92.60
Haz Mitigation EIR Grant		\$280.68
Morris Island USFWS Grant		(\$4,614.54)
Business Bldrs Progr		\$47.11
Airport Commission		(\$43,312.29)
Anti-terrorism		<u>\$1,062.29</u>
		(\$16,421.65)
State & County Grants:		
Chapter 90 - Training Field		\$0.00
County CAT Grant		\$10,080.00
Community Policing		(\$21.70)
Underage Drinking		\$1,012.86
S.A.F.E. Fire		\$5,194.06
Firefighter Safety Equipment		\$0.00
MCE_BCEHO EMS		\$0.00
Firefighter Training		\$2,000.00
CPR Class		\$576.14
Coastal Retrofit		\$2,982.45
Energy Efficiency Grant		\$13,320.00
Cape Cod Comm Pathways		\$4,495.09
County IT Grant		\$4,375.00
TAP Grant Affordable Housing		\$258.50
DLTA Affordable Housing		\$0.00
FEMA/EMMA Storm		\$4,171.79
EMPG 800 Radio Grant		(\$1,012.17)
Port Security Grant		\$2,382.60
Shellfish - County		\$5,000.00
Pump Out Grant		\$25,987.59
Fish Pier North Jog Float Grant		\$0.00
DLTA Mooring Grant		\$0.00
Seaport Grant		\$21,246.00
WRRP Grant		(\$10,389.49)

Town of Chatham – Balance Sheet June 30, 2016 – Special Revenue Funds

St Aid to Highways	\$74.89
DEP Paint Shed	\$2,540.91
MRIP recycling	\$6,513.68
DEP SRMP Grant	\$7,555.00
Beach Monitoring	\$675.02
COA State Grant	\$0.00
Eldredge Public Library	(\$70.00)
So, Chatham Library	(\$1,270.53)
Arts Lottery	\$184.07
Cultural Council State Operating	\$31.03
Click it or Ticket	\$4,340.44
County Funds Bike Path	<u>(\$98.81)</u>
	\$112,134.42
Revolving:	
Commercial Shellfish	\$94,343.07
Airport Revolving	\$44,940.18
Park & Recreation	\$68,746.35
Inspectional Services	\$137,163.64
Bassett House	\$25,998.26
Marconi Station	\$4,750.00
Recycling Revolving	<u>(\$71.42)</u>
	\$375,870.08
Receipts Reserved for Appropriation:	
Land Bank -undesignated fund balance	\$1,512,867.90
Elections & Registration	\$4,770.00
Sale of Town Land	\$1,500.00
Wetlands Protection	\$195,410.37
Waterways Improvement	\$305,509.31
Sale of Cemetery Lots	\$26,685.00
Railroad Museum	<u>\$12,373.90</u>
	\$2,059,116.48
Other:	
Premium on Bonds	\$0.00
Public Ceremonies	\$576.83
PEG Access	\$49,473.29
Youth Outreach	\$6,734.48
Conservation Fund Donation	\$19,659.88
Wetlands Consultant	\$1,500.00
Old Comers/Woodland	\$245.69
Wildfire Management Grant	\$112.11
Conservation Commission By Law Filing Fees	\$111,847.84
Barnstable County Land Management	\$430.35
Damages to Municipal Property	\$15,089.27
Damages to Police Property	\$4,230.85
Police Restitution	\$840.00
Police Donations	\$2,957.99
Disabilities Gifts	\$1,266.21
Volunteer Park Donation	\$5,320.37
Pleasant Bay Alliance	\$128,069.09
Sudbury Donation	\$12,500.00
Kelley Foundation	\$8,000.00
Fertilizer Study	\$6,808.46
Freshwater Fund	\$10,800.00
Sears Point Consultant	\$39,117.50
Strong Island Stairway	\$2,700.00
Water Street Town Landing Project	\$21,208.00
HMGP1813 Erosion Grant	\$0.00

Town of Chatham – Balance Sheet June 30, 2015 – Special Revenue Funds

Dredging Donations	\$1,500.00
COA Enrichment	\$86,018.08
Van Schassen Gift COA	\$12,928.84
P.A.R.K. After School Program	\$20,931.34
Park & Rec Donations	(\$543.52)
Park Damages to Town Property	\$1,415.00
WWII Memorial Donations	\$3,836.14
Railroad Donations	\$9,516.96
Bikeways Donations	\$430.03
Windmill Preservation Donations	\$45.00
Samuel Hawes Park	\$551.26
Underground Utility Comm	\$6,049.83
Historical Commission	\$0.00
Cultural Council	\$11,849.58
Bassett House Gifts	\$250.00
Public Ceremonies Donations	<u>\$1,101.88</u>
	\$605,368.63
Total Fund Equities	<u>\$3,136,067.96</u>
 Total Liabilities & Fund Equities	 <u>\$3,366,842.98</u>

Town of Chatham – Balance Sheet June 30, 2016 – Community Preservation Fund

ASSETS	
Cash	2,429,820.15
Community Preservation FY 2016	12,623.69
Community Preservation FY 2007	-5.34
Community Preservation FY 2008	20.91
Community Preservation FY 2009	12.30
Community Preservation FY 2010	-75.56
Community Preservation FY 2011	63.87
Community Preservation FY 2012	-0.02
Community Preservation FY 2013	730.98
Community Preservation FY 2014	-158.03
Community Preservation FY 2015	4,014.57
Total Assets	<u>2,447,047.52</u>
LIABILITIES	
Warrants Payable	6,178.74
Deferred Revenue CPA Receivables	17,227.37
Total Liabilities	23,406.11
FUND EQUITIES	
Unreserved Fund Equity	1,584,805.94
Reserve for Historic Preservation	-
Reserve for Open Space	100,000.00
Reserve for Community Housing	-
Reserve for Encumbrances	<u>738,835.47</u>
	2,423,641.41
Total Liabilities & Fund Equities	<u>2,447,047.52</u>

Town of Chatham – Balance Sheet June 30, 2016 – Special Revenue Funds – School

	ASSETS	
Cash		203,295.11
	LIABILITIES & FUND EQUITIES	
Liabilities:		
Warrants Payable		-
Fund Equities:		
School Lunch		383.86
Federal Grants:		
Race to the Top		-
Improving Education		-
		<hr/>
		-
State & County Grants:		
Tech Prep County Grant		-
Academic Support		-
Full Day Kindergarten		-
Circuit Breaker		-
		<hr/>
		-
Revolving:		
Adult Education		-
School Building Use		-
Lost Text Book		-
Athletic Fund		-
		<hr/>
		-
Other Purposes:		
Chatham Robot Camp		-
Friends of P.B. M/S		-
Under Chatham Blue		-
Friends of Pleasant Bay Elem		-
Friends of Pleasant Bay High School		-
Together We Can		-
Skate Board Park		-
Friends of Trees		-
School to Career		-
Educational Access		202,911.25
Environmental Education Grant		-
Before/After School		-
Outreach School Education Grant		-
		<hr/>
		202,911.25
Total Fund Equities		<hr/>
		203,295.11
Total Liabilities & Fund Equities		<hr/> <hr/>
		-

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	Total SRF	Land Bank	Public Ceremonies	Sale of Town Land	County CAT Grant	Peg Acc (CH 18)	County Spur Bike Path	Bassett House Revolving	Bassett House Gifts
Revenue									
Property taxes	1,728,669.11	918,214.59							
Motor vehicle excise	-								
Vessel and other excise	168,587.45								
Penalties and interest	32,667.23								
Licenses and permits	88,928.75								
Charges for services	3,011,863.74								
Fines and forfeitures	-								
Investment income	75,666.21	9,991.20							
Contributions and donations	418,362.86	-				24,433.00			
PILOT	-								
Departmental and other	498,149.08							3,186.50	
Intergovernmental-federal	310,246.14								
Intergovernmental-other	761,363.71	-	-	-	-	-	-	-	-
Total revenue	7,094,504.28	928,205.79	-	-	-	24,433.00	-	3,186.50	-
Expenditures									
General government	502,243.05	902.88						7,405.33	
Public safety	186,535.01								
Education	4,716.63								
Public works	2,952,070.70								
Comm & econ. Development	62,477.77								
Health and human services	206,349.58								
Culture and recreation	87,713.59								
Coastal Resources (Wtr. Ways)	233,280.09								
	-								
	-								
	-								
	-								
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	4,235,386.42	902.88	-	-	-	-	-	7,405.33	-
Ofs/(u)									
Transfers in	907,900.00	325,000.00							
Transfers out	(1,875,937.00)	(870,100.00)				(25,000.00)			
Bond proceeds	-								
Sale of capital assets	-								
Total ofs/(u)	(968,037.00)	(545,100.00)	-	-	-	(25,000.00)	-		
Net change	1,891,080.86	382,202.91	-	-	-	(567.00)	-	(4,218.83)	-
Fund balance - b.o.y.	9,677,383.44	1,130,664.99	1,678.71	1,500.00	10,080.00	50,040.29	(98.81)	30,217.09	250.00
Fund balance - e.o.y.	11,445,477.30	1,512,867.90	1,678.71	1,500.00	10,080.00	49,473.29	(98.81)	25,998.26	250.00

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	Bikeways Donations	Undgrnd Util Committee	Youth OR Donation	Premium on Bonds	Wetlands Protect F	Cons gifts/donations	Wetlands Consultant	Old Comers Woodland	Wildfire Mgmt Grant	ConsCom By-law Filing
Revenue										
Property taxes										
Motor vehicle excise										
Vessel and other excise										
Penalties and interest										
Licenses and permits										
Charges for services					20,368.50					25,596.00
Fines and forfeitures										
Investment income										
Contributions and donations	100.00		3,280.00		-	-	-			-
PILOT										
Departmental and other			8,375.75	-						
Intergovernmental-federal										
Intergovernmental-other	-	-	-	-	-	-	-	-	-	-
Total revenue	100.00	-	11,655.75	-	20,368.50	-	-	-	-	25,596.00
Expenditures										
General government										
Public safety										
Education										
Public works										
Comm & econ. Development										
Health and human services										
Culture and recreation			7,054.76							
Coastal Resources (Wtr.Ways)					-	-	-			-
State and county assessments	-	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	7,054.76	-	-	-	-	-	-	-
OFS/(U)										
Transfers in										
Transfers out					(10,000.00)					
Bond proceeds										
Sale of capital assets										
Total ofs/(u)					(10,000.00)	-	-	-	-	-
Net change	100.00	-	4,600.99	-	10,368.50	-	-	-	-	25,596.00
Fund balance - b.o.y.	330.03	6,049.83	2,133.49	-	185,041.87	19,659.88	1,500.00	245.69	112.11	86,251.84
Fund balance - e.o.y.	430.03	6,049.83	6,734.48	-	195,410.37	19,659.88	1,500.00	245.69	112.11	111,847.84

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	Barnstable Land Mgt	Sears Point damages	Damages to Bldg Town Property	Marconi Station Revolving	Waterways Improv Fund	Damages to Bldg PD	Elections State	Dam T Prop Selectman	Comm Police Grant
Revenue									
Property taxes									
Motor vehicle excise									
Vessel and other excise					168,587.45				
Penalties and interest									
Licenses and permits				5,500.00					
Charges for services									
Fines and forfeitures									
Investment income									
Contributions and donations	-					-			
PILOT									
Departmental and other									
Intergovernmental-federal									
Intergovernmental-other	-	-	-	-	-	-	606.00	-	-
Total revenue	-	-	-	5,500.00	168,587.45	-	606.00	-	-
Expenditures									
General government				750.00					
Public safety									
Education									
Public works									
Comm & econ. Development									
Health and human services									
Culture and recreation									
Coastal Resources (Wtr Ways)	-	510.00			936.50				
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	-	510.00	-	750.00	936.50	-	-	-	-
OFs/(U)									
Transfers in									
Transfers out					(115,000.00)				
Bond proceeds									
Sale of capital assets									
Total of/(u)	-		-		(115,000.00)	-	-	-	-
Net change	-	(510.00)	-	4,750.00	52,650.95	-	606.00	-	-
Fund balance - b.o.y.	430.35	39,627.50	867.85	-	220,470.54	4,230.85	4,164.00	12,181.71	(21.70)
Fund balance - e.o.y.	430.35	39,117.50	867.85	4,750.00	273,121.49	4,230.85	4,770.00	12,181.71	(21.70)

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	COPS FAST Grant	COPS More Grant	Anti-Terrorism Grant	Click It or Ticket	Underage Drinking	Police Restitution	Gifts & Donations	S.A.F.E. Grant	MCE-BCEHO EMS	Firefighter Safety Equip	FEMA Assist FF Grant
Revenue											
Property taxes											
Motor vehicle excise											
Vessel and other excise											
Penalties and interest											
Licenses and permits											
Charges for services											
Fines and forfeitures											
Investment income											
Contributions and donations							300.00				
PILOT											
Departmental and other											
Intergovernmental-federal											
Intergovernmental-other	-	-	-	-	-	-	-	6,953.00	-	-	203,352.00
Total revenue	-	-	-	-	-	-	300.00	6,953.00	-	-	203,352.00
Expenditures											
General government											
Public safety											
Education											
Public works											
Comm & econ. Development											
Health and human services											
Culture and recreation											
Coastal Resources (Wtr.Ways)											
State and county assessments	-	-	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	-	-	-	6,945.51	1,440.00	339.15	175,045.35
Ofs/(U)											
Transfers in											
Transfers out											
Bond proceeds											
Sale of capital assets											
Total ofs/(u)	-	-	-	-	-	-	-	-	-	-	-
Net change	-	-	-	-	-	-	300.00	7.49	(1,440.00)	(339.15)	28,306.65
Fund balance - b.o.y.	1,367.00	47.46	1,062.29	4,340.44	1,012.86	840.00	2,657.99	5,186.57	1,440.00	339.15	-
Fund balance - e.o.y.	1,367.00	47.46	1,062.29	4,340.44	1,012.86	840.00	2,957.99	5,194.06	-	-	28,306.65

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	Firefighting Training	CPR Class	Federal Police Vests	Micro Loan - HUD Grant	Inspectional Services	Tap Gr Afford Hsng	County IT Grant	DLTA Affordable Hsg	EMPG 800 Radio Grant	FEMA/MEMA Grant
Revenue										
Property taxes										
Motor vehicle excise										
Vessel and other excise										
Penalties and interest										
Licenses and permits										
Charges for services		550.00			75,947.96					
Fines and forfeitures										
Investment income										
Contributions and donations										
PILOT										
Departmental and other			1,275.00							6,531.80
Intergovernmental-federal										
Intergovernmental-other										
Total revenue	-	550.00	1,275.00	-	75,947.96	-	-	-	-	6,531.80
Expenditures										
General government										-
Public safety	1,750.00	150.00	865.00							
Education										
Public works										
Comm & econ. Development					62,477.77					
Health and human services										
Culture and recreation										
Coastal Resources (Wtr.Ways)										12,745.07
State and county assessments	-	-	-	-	-	-	-	-	-	-
Total expenditures	1,750.00	150.00	865.00	-	62,477.77	-	-	-	-	12,745.07
OFS/(U)										
Transfers in										
Transfers out										
Bond proceeds										
Sale of capital assets										
Total ofs/(u)	-		-	-	-	-	-	-	-	-
Net change	(1,750.00)	400.00	410.00	-	13,470.19	-	-	-	-	(6,213.27)
Fund balance - b.o.y.	3,750.00	176.14	(108.61)	92.60	123,693.45	258.50	4,375.00	-	(1,012.17)	10,385.06
Fund balance - e.o.y.	2,000.00	576.14	301.39	92.60	137,163.64	258.50	4,375.00	-	(1,012.17)	4,171.79

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	Fed EIR Haz Mit Grant	Coastal Ad Retrofit	Disabilities Don Fund	Energy Effic Grant	CC Comm Pathways	Bus Build Program	Gifts & Don Volunteer Pk	Shellfish Revolving	Shellfish County Grant	Port Security Grant	Seaport Grant
Revenue											
Property taxes											
Motor vehicle excise											
Vessel and other excise											
Penalties and interest											
Licenses and permits								83,428.75			
Charges for services											
Fines and forfeitures											
Investment income								102.39			
Contributions and donations			1,000.00								
PILOT											
Departmental and other											
Intergovernmental-federal											
Intergovernmental-other											
Total revenue	-	-	1,000.00	-	-	-	-	83,531.14	-	-	-
Expenditures											
General government				2,463.00							
Public safety											
Education											
Public works											
Comm & econ. Development											
Health and human services											
Culture and recreation											
Coastal Resources (Wtr.Ways)								38,925.28			15,192.00
State and county assessments											
Total expenditures	-	-	-	2,463.00	-	-	-	38,925.28	-	-	15,192.00
OFS/(U)											
Transfers in											
Transfers out											
Bond proceeds											
Sale of capital assets											
Total ofs/(u)	-	-							-	-	-
Net change	-	-	1,000.00	(2,463.00)	-	-	-	44,605.86	-	-	(15,192.00)
Fund balance - b.o.y.	280.68	2,982.45	266.21	15,783.00	4,495.09	47.11	5,320.37	49,737.21	5,000.00	2,382.60	36,438.00
Fund balance - e.o.y.	280.68	2,982.45	1,266.21	13,320.00	4,495.09	47.11	5,320.37	94,343.07	5,000.00	2,382.60	21,246.00

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	Alliance Account	Sudbury Found Grant	Kelly Found Grant	Freshwater Fund	Fertilizer Study	Damages to Town prop CR	Strong Island Stairway	Water Street Landing	HMGPI813 Grant	Pump Out Grant
Revenue										
Property taxes										
Motor vehicle excise										
Vessel and other excise										
Penalties and interest										
Licenses and permits										
Charges for services										
Fines and forfeitures										
Investment income										
Contributions and donations						-				
PILOT										
Departmental and other										
Intergovernmental-federal										
Intergovernmental-other	61,100.00	-	-	-	-	-	-	-	-	10,000.00
Total revenue	61,100.00	-	-	-	-	-	-	-	-	10,000.00
Expenditures										
General government										
Public safety										
Education										
Public works										
Comm & econ. Development										
Health and human services										
Culture and recreation										
Coastal Resources (Wtr.Ways)	142,535.71									6,642.53
State and county assessments	-	-	-	-	-	-	-	-	-	-
Total expenditures	142,535.71	-	-	-	-	-	-	-	-	6,642.53
Ofs/(U)										
Transfers in	32,900.00									
Transfers out										
Bond proceeds										
Sale of capital assets	32,900.00	-	-	-	-	-	-	-	-	-
Total ofs/(u)	(48,535.71)	-	-	-	-	-	-	-	-	3,357.47
Net change										
Fund balance - b.o.y.	176,604.80	12,500.00	8,000.00	10,800.00	6,808.46	2,039.71	2,700.00	21,208.00	-	22,630.12
Fund balance - e.o.y.	128,069.09	12,500.00	8,000.00	10,800.00	6,808.46	2,039.71	2,700.00	21,208.00	-	25,987.59

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	<u>Dredging Donations</u>	<u>Fish Pier North Jog Float Grant</u>	<u>WWRP Grant</u>	<u>State Aid Highways</u>	<u>Chapter 90 Highways</u>	<u>Morris Island USFWS Grant</u>	<u>DEP Paint Shed</u>	<u>MRIP Recycle Grant</u>	<u>DEP SRMP Grant</u>	<u>Airport Rev F Ch44 Sec53E</u>
Revenue										
Property taxes										
Motor vehicle excise										
Vessel and other excise										
Penalties and interest										
Licenses and permits										
Charges for services										
Fines and forfeitures										
Investment income										
Contributions and donations	-				-					
PILOT										
Departmental and other										35,468.00
Intergovernmental-federal										
Intergovernmental-other	-	-	50,772.00	-	276,829.51	-	-	-	6,700.00	-
Total revenue	-	-	50,772.00	-	276,829.51	-	-	-	6,700.00	35,468.00
Expenditures										
General government										
Public safety										
Education										
Public works			-		276,829.51	-			-	38,714.84
Comm & econ. Development										
Health and human services										
Culture and recreation										
Coastal Resources (Wtr. Ways)	15,793.00		-							
State and county assessments										
Total expenditures	15,793.00	-	-	-	276,829.51	-	-	-	-	38,714.84
OFS/(U)										
Transfers in										
Transfers out										
Bond proceeds										
Sale of capital assets										
Total ofs/(u)	-	-	-	-	-	-	-	-	-	-
Net change	(15,793.00)	-	50,772.00	-	-	-	-	-	6,700.00	(3,246.84)
Fund balance - b.o.y.	17,293.00	-	(61,161.49)	74.89	-	(4,614.54)	2,540.91	6,513.68	855.00	48,187.02
Fund balance - e.o.y.	1,500.00	-	(10,389.49)	74.89	-	(4,614.54)	2,540.91	6,513.68	7,555.00	44,940.18

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	FAA & MAC Grants	Sale of Lots	Beach Monitoring	Volunteer Monitoring	Recycling Revolving	Samuel Hawes Park	COA Grant	Enrichment - Don Fund	Van Schassen Gift	State Aid to Lib Eldredge
Revenue										
Property taxes										
Motor vehicle excise										
Vessel and other excise										
Penalties and interest										
Licenses and permits										
Charges for services		5,000.00			601.89					
Fines and forfeitures										
Investment income										
Contributions and donations						-		440.00	-	
PILOT										
Departmental and other	105,619.14						-			
Intergovernmental-federal	18,455.33	-	-	-	-	-	26,469.00	-	-	6,230.00
Intergovernmental-other	124,074.47	5,000.00	-	-	601.89	-	26,469.00	440.00	-	6,230.00
Total revenue										
Expenditures										
General government										
Public safety										
Education										
Public works	43,168.31	4,200.00								
Comm & econ. Development										
Health and human services			1,895.57		860.00		26,469.01	112.00	-	-
Culture and recreation										6,300.00
Coastal Resources (Wtr. Ways)										
State and county assessments	-	-	-	-	-	-	-	-	-	-
Total expenditures	43,168.31	4,200.00	1,895.57	-	860.00	-	26,469.01	112.00	-	6,300.00
OFS/(U)										
Transfers in										
Transfers out		(1,000.00)								
Bond proceeds										
Sale of capital assets										
Total ofs/(u)	-	(1,000.00)	-	-	-	-	-	-	-	-
Net change	80,906.16	(200.00)	(1,895.57)	-	(258.11)	-	(0.01)	328.00	-	(70.00)
Fund balance - b.o.y.	(124,218.45)	26,885.00	2,570.59	-	186.69	551.26	0.01	85,690.08	12,928.84	-
Fund balance - e.o.y.	(43,312.29)	26,685.00	675.02	-	(71.42)	551.26	0.00	86,018.08	12,928.84	(70.00)

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	State Aid to Lib S Chatham	P.A.R.K Program	Park/Rec Rev Fund	Park/Rec Donations	Dam to T Prop Ins Proceeds	Railrd Museum Rec Res Fund	Railroad Donations	Historical Comm Don	Windmill Preservation	Arts Lottery State Grant
Revenue										
Property taxes										
Motor vehicle excise										
Vessel and other excise										
Penalties and interest										
Licenses and permits										
Charges for services		17,985.65								
Fines and forfeitures										
Investment income		-								
Contributions and donations						4,790.00	6,120.00		-	
PILOT										
Departmental and other			52,588.45							
Intergovernmental-federal	888.07									
Intergovernmental-other										4,400.00
Total revenue	888.07	17,985.65	52,588.45	-	-	4,790.00	6,120.00	-	-	4,400.00
Expenditures										
General government										
Public safety										
Education										
Public works										
Comm & econ. Development										
Health and human services										
Culture and recreation	3,590.87	7,514.81	47,946.29	-						4,180.00
Coastal Resources (Wtr.Ways)										
State and county assessments	-									-
Total expenditures	3,590.87	7,514.81	47,946.29	-	-	-	-	-	-	4,180.00
OFs/(U)										
Transfers in										
Transfers out						(3,000.00)				
Bond proceeds										
Sale of capital assets										
Total of/(u)		-	-	-	-	(3,000.00)	-	-	-	-
Net change	(2,702.80)	10,470.84	4,642.16	-	-	1,790.00	6,120.00	-	-	220.00
Fund balance - b.o.y.	1,432.27	10,460.50	64,104.19	(543.52)	1,415.00	10,583.90	3,396.96	-	45.00	(35.93)
Fund balance - e.o.y.	(1,270.53)	20,931.34	68,746.35	(543.52)	1,415.00	12,373.90	9,516.96	-	45.00	184.07

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

Revenue	Chatham Cult Council Don	State Revolv Cultural Fund	Sch Lunch Rev Fund	Ed Acc Prog AT&T	Stabilization Fund	Affordable Hsg Trust Fund	Retirement Fund	OPEB Trust	Law Enforce. Trust	Fed. Forfeit. Property
Property taxes										
Motor vehicle excise										
Vessel and other excise										
Penalties and interest										
Licenses and permits										
Charges for services										
Fines and forfeitures										
Investment income										
Contributions and donations	6,715.30	-		68,404.44	29,259.80	300,000.00		13,148.86		22.56
PILOT								190.00		-
Departmental and other										
Intergovernmental-federal										
Intergovernmental-other										
Total revenue	6,715.30	-	-	68,404.44	29,259.80	300,000.00	-	13,338.86	-	22.56
Expenditures										
General government										
Public safety										
Education				4,716.63						
Public works										
Comm & econ. Development										
Health and human services						177,013.00				
Culture and recreation	10,657.43	469.43								
Coastal Resources (Wtr. Ways)										
State and county assessments										
Total expenditures	10,657.43	469.43	-	4,716.63	-	177,013.00	-	-	-	-
OFs/(U)										
Transfers in								150,000.00		
Transfers out										
Bond proceeds										
Sale of capital assets										
Total of/(u)	-		-	-	-	-	-	150,000.00	-	-
Net change	(3,942.13)	(469.43)	-	63,687.81	29,259.80	122,987.00	-	163,338.86	-	22.56
Fund balance - b.o.y.	15,767.42	500.46	383.86	139,223.44	1,797,110.47	217,294.00	0.45	258,898.90	18.13	3,039.49
Fund balance - e.o.y.	11,825.29	31.03	383.86	202,911.25	1,826,370.27	217,294.00	0.45	422,237.76	18.13	3,062.05

Town of Chatham – Combining WTB – SRFs – Fiscal 2016

	Police - Weir Bequest	Scholarship Fund	Jean Gardner	Luce Union Cemetery	Chase Seaside Cemetery	Pearl Nickerson	Mack Memorial	Community Preservation	Water Fund
Revenue									
Property taxes								810,454.52	
Motor vehicle excise									
Vessel and other excise									32,667.23
Penalties and interest									
Licenses and permits									2,865,813.74
Charges for services									
Fines and forfeitures									
Investment income	52.19		29.68	6.92	144.88	16.07	110.55	22,781.11 2,590.12	
Contributions and donations									
PILOT									
Departmental and other									398,530.38
Intergovernmental-federal									
Intergovernmental-other	-	-	-	-	-	-	-	285,429.00	-
Total revenue	-	52.19	29.68	6.92	144.88	16.07	110.55	1,121,254.75	3,297,011.35
Expenditures									
General government								490,721.84	
Public safety									
Education									
Public works									2,589,158.04
Comm & econ. Development									
Health and human services									
Culture and recreation									
Coastal Resources (Wtr. Ways)									
State and county assessments	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	-	-	-	490,721.84	2,589,158.04
OFS/(U)									
Transfers in									400,000.00
Transfers out								(575,000.00)	(276,837.00)
Bond proceeds									
Sale of capital assets									
Total ofs/(u)	-	-	-	-	-	-	-	(575,000.00)	123,163.00
Net change	-	52.19	29.68	6.92	144.88	16.07	110.55	55,532.91	831,016.31
Fund balance - b.o.y.	15,506.30	3,116.54	1,771.15	413.62	8,650.98	959.18	6,601.27	2,368,108.50	2,381,342.77
Fund balance - e.o.y.	15,506.30	3,168.73	1,800.83	420.54	8,795.86	975.25	6,711.82	2,423,641.41	3,212,359.08

Town of Chatham – Balance Sheet June 30, 2016 – Capital Projects – General

ASSETS	
Cash	-1,948,369.47
Notes Receivable	<u>25,362,648.00</u>
Total Assets	<u>23,414,278.53</u>
FUND EQUITIES	
Warrants Payable	789,168.10
BANS Payable	491,500.00
Interim Notes Payable-MWPAT	25,362,648.00
Fund Equities:	
Land Acquisition Kolb Property	331.12
Community Center	7,827.10
Fire Station Mitigation	321,441.95
Fire Station	211,451.75
PD Annex	10,039.70
Main Street Reconstruction	65,867.82
School Building Project Art9 STM 11/95	191.75
Road Projects	-26,621.30
El Street/Skyway Road	0.00
Wastewater	-3,819,567.46
Total Fund Equities	<u>-3,229,037.57</u>
Total Liabilities & Fund Equities	<u>23,414,278.53</u>

Town of Chatham – Balance Sheet June 30, 2016 – Capital Projects – Water

ASSETS	
Cash	1,315,794.62
Total Assets	<u>1,315,794.62</u>
LIABILITIES & FUND EQUITIES	
Liabilities:	
Warrants Payable	0.00
BANS Payable	<u>0.00</u>
Total Liabilities	0.00
Fund Equities:	
Chemical Feed Building	112,022.28
Iron Removal Treatment Facilities	993,016.97
Town Forest Pump House	23,332.44
Supply Well	9,540.96
Water Mains	177,881.97
Total Fund Equities	1,315,794.62
Total Liabilities & Fund Equities	<u>1,315,794.62</u>

Town of Chatham – Balance Sheet June 30, 2016 – Water Fund

ASSETS

Cash		3,283,613.34
Water Rate Liens	1,122.67	
Water Rate Liens Committed Interest	94.15	
2010 & Prior Water Rates Receivable	-1,671.19	
2011 Water Rates Receivable	6,418.23	
2012 Water Rates Receivable	-10,152.59	
2013 Water Rates Receivable	2,592.90	
2014 Water Rates Receivable	26,468.06	
2015 Water Rates Receivable	17,649.28	
2016 Water Rates Receivable	44,371.99	
2010 & Prior Miscellaneous Water	-1,478.19	
2011 Miscellaneous Water	-2,122.23	
2012 Miscellaneous Water	-221.23	
2013 Miscellaneous Water	1,854.94	
2014 Miscellaneous Water	3,698.80	
2015 Miscellaneous Water	398.19	
2016 Miscellaneous Water	1,812.21	
		90,835.99
Apportioned Leases Receivable		2,114,199.96
Total Assets		<u>5,488,649.29</u>

LIABILITIES & FUND EQUITIES

Liabilities:		
Warrants Payable		71,219.26
Due to General Fund		-65.00
Deferred Revenue Water Receivables		90,935.99
Deferred Revenue Apportioned Leases		2,114,199.96
Total Liabilities		2,276,290.21
Fund Equities:		
Reserve for Encumbrances		100,653.95
Reserve for expenditure		350,000.00
Unreserved Fund Equity		<u>2,761,705.13</u>
Total Fund Equities		3,212,359.08
Total Liabilities & Fund Equities		<u>5,488,649.29</u>

Town of Chatham – Water Fund Appropriations & Expenditures – Year Ended June 30, 2016

Description	Balance July 1, 2015	Water & Tax Rates	Water Surplus	Original Budget	Final Budget	Expenditures and encumbrances	Budget Variance	Closed to Revenue	Balance 30-Jun-16
Salaries	0.00	187,758.99		187,758.99	187,758.99	134,567.32	53,191.67	53,191.67	0.00
Expenses		1,270,440.00		1,270,440.00	1,270,440.00	1,296,973.00	-26,533.00	-26,533.00	0.00
Prior encumbrances	0.00	0.00		0.00	0.00		0.00		0.00
To General Fund							0.00		
Debt Service:									
Principal	0.00	719,177.72		719,177.72	719,177.72	763,443.97	-44,266.25	-44,266.25	0.00
Interest - Long-term	0.00	247,363.18		247,363.18	247,363.18	203,096.91	44,266.27	44,266.27	0.00
Interest - Short-term	0.00	25,000.00		25,000.00	25,000.00		25,000.00	25,000.00	0.00
Special Revenue Fund:									
Articles:									
Art 10 5/09 Water Storage Tank	50,363.88			50,363.88	50,363.88	30,000.00	20,363.88	0.00	20,363.88
Art 13 ATM Chemical Feed Building	0.00			0.00	0.00		0.00	0.00	0.00
Art 11 ATM 5/10 Water Storage Tanks	3,514.73			3,514.73	3,514.73		3,514.73	0.00	3,514.73
Art 8, 5/96 - Monitor Groundwater	6.49			6.49	6.49		6.49	0.00	6.49
Art 8, ATM 5/99 - Training Field Well Grndwtr Mon	3,846.71			3,846.71	3,846.71		3,846.71	0.00	3,846.71
Art 11, ATM 5/13 - Iron Treatment Plant OPM	57,432.09			57,432.09	57,432.09	56,601.84	830.25	0.00	830.25
Art 12, ATM 5/13 - Emergency Generators Wells	134,970.00			134,970.00	134,970.00	104,475.00	30,495.00	0.00	30,495.00
Art 13, ATM 5/13 - Asset Management System	9,100.00			9,100.00	9,100.00		9,100.00	0.00	9,100.00
Art 3, STM 1/02 - Water Capital Supplement	28,678.20			28,678.20	28,678.20		28,678.20	0.00	28,678.20
Art 6, ATM Vulnerability Assessment	3,818.69		0.00	3,818.69	3,818.69		3,818.69	0.00	3,818.69
	<u>291,730.79</u>	<u>2,449,739.89</u>	<u>0.00</u>	<u>2,741,470.68</u>	<u>2,741,470.68</u>	<u>2,589,158.04</u>	<u>152,312.64</u>	<u>51,658.69</u>	<u>100,653.95</u>

Town of Chatham – Balance Sheet June 30, 2016 – Trust Funds

ASSETS

Restricted Cash	591,015.94	
Reynard Stocks	9,990.75	
Westgate Stocks		
Expendable Cash	<u>2,862,664.84</u>	
Total Assets		<u><u>3,463,671.53</u></u>

LIABILITIES & FUND EQUITIES

Liabilities:		
Warrants Payable	5,630.66	
Total Liabilities		5,630.66

Fund Equities:

Non-Expendable Trust Funds:

Reynard Principal	9,990.75	
Westgate Principal	137,534.73	
Perpetual Care Principal	417,930.00	
Spurling Principal	1,000.00	
Arey Principal	200.00	
Lincoln Principal	2,000.00	
Bearse Principal	250.00	
Briggs Principal	2,000.00	
Cox Railroad Principal	5,087.00	
Chase Park Principal	22,514.21	
Wm. Nickerson Principal	<u>2,500.00</u>	
Total Non-Expendable Fund Equities		601,006.69

Expendable Trust Funds:

Stabilization	1,826,370.27	
Affordable Housing Trust	467,987.00	
Retirement	0.45	
OPEB Trust	422,237.76	
Law Enforcement	18.13	
Federally Forfeited Property	3,062.05	
Police Bequest	15,506.30	
Fire Bequest	0.00	
Reynard	55,463.97	
Westgate	7,655.37	
Scholarship	3,168.73	
Perpetual Care	5,062.96	
Spurling	1,705.62	
Arey	902.20	
Lincoln	5,195.12	
Bearse	738.26	
Briggs	2,579.79	
Gardner	1,800.83	
Luce Union	420.54	
Chase Seaside	8,795.86	
Pearl Nickerson	975.25	
Chase Park	15,691.68	
Mack Memorial	6,711.82	
Wm Nickerson	1,662.32	
Cox Railroad Museum	<u>3,321.90</u>	
Total Expendable Fund Equities		<u>2,857,034.18</u>

Total Liabilities & Fund Equities		<u><u>3,463,671.53</u></u>
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Town of Chatham – Balance Sheet June 30, 2016 – Agency Funds

ASSETS

Cash	\$666,386.03
Police Special Details	\$0.00
Meal tax	\$0.00
	<u>\$666,386.03</u>

LIABILITIES

Warrants Payable	\$2,479.79
High School Treasury Student Activities	\$0.00
Middle School Treasury Student Activities	\$0.00
Elementary Treasury - Student Activities	\$0.00
Medical Insurance Refunds	\$1,669.02
MA Firearms Permits	\$4,762.50
Sales tax	(\$18.29)
Police Detail	(\$42,311.79)
Fire Detail	\$1,801.82
Main St School Special Details	\$2,813.56
Strong Island Detail	\$100.00
North Beach ORV Surcharge	\$5,816.00
Agency Interest	\$13,666.74
Guarantee Deposits - Planning Board	\$167,090.16
Guarantee Deposits - Signs	\$385.00
Guarantee Deposits - Water	\$19,620.28
Guarantee Deposits - Miscellaneous	\$13,418.24
Guarantee Deposits - Roads	\$6,650.00
Guarantee Deposits - Sewer	\$0.00
Guarantee Deposits - COA	\$1,528.39
Watershed Land Eminent Domain	\$3,228.90
Peoples Cemetery	\$8,661.04
Conservation Land	\$48,281.73
Goose Pond Land	\$39,856.34
Wordell Land Escrow	\$2,639.74
Eldredge Lot 11	\$154,150.75
Eldredge Lot 23	\$61,660.67
Eldredge Lot 19	\$23,576.16
Chatham Fish & Lobster	\$0.00
Finast Seafood	\$190.66
Marder Trawling	\$3,000.00
CodCommunications	\$120,497.44
Deputy Collector Fees	\$1,171.18
 Total Liabilities	 <u>\$666,386.03</u>

Town of Chatham – Balance Sheet June 30, 2016 – Enterprise Fund

ASSETS	
Cash	236,453.35
Total Assets	<u>236,453.35</u>
LIABILITIES & FUND EQUITIES	
Liabilities:	
Warrants Payable	1,800.00
Total Liabilities	1,800.00
Fund Equities:	
Unreserved Fund Equity	234,653.35
Total Fund Equities	234,653.35
Total Liabilities & Fund Equities	<u>236,453.35</u>

Town of Chatham – Balance Sheet June 30, 2016 – Debt – Water

ASSETS		
Amounts to be Provided for Payment of Bonds	5,321,857.00	
Loans Authorized	10,963,000.00	
		<u>16,284,857.00</u>
LIABILITIES		
Bonds Payable:		
WaterMains (11, 01)	650,000.00	
Town Forest Pump House	450,000.00	
Water Standpipe	450,000.00	
Chemical Feed Building	370,000.00	
Well and Pump Station	385,000.00	
Water Mains	835,000.00	
Water Standpipe	60,000.00	
Well and Pump Station	315,000.00	
Water Mains USDA	412,500.00	
Pumping Station	7,107.00	
Well Exploration	80,000.00	
Water (Iron) Treatment Plant	560,000.00	
Alarm Systems	2,691.00	
Water Mains	8,901.00	
Well and Pump	5,658.00	
Water Mains	150,000.00	
Water Bond Refunding	60,000.00	
Water Standpipe	90,000.00	
Water Mains	<u>430,000.00</u>	
		5,321,857.00
Loans Authorized & Unissued		<u>10,963,000.00</u>
Total Liabilities		<u>16,284,857.00</u>

**Town of Chatham – General Fund – Revenues, Expenditures & Changes in Fund Equity –
Year Ended June 30, 2016**

Revenues	
Real Estate Taxes	30,497,261.23
Personal Property Taxes	196,801.52
Tax Liens-Redeemed	212,029.84
Deferred Real Estate Receipts	-
Local Receipts (see budget/actual)	7,592,447.51
State Receipts (see budget/actual)	<u>1,110,373.00</u>
Total Revenues	39,608,913.10
Expenditures:	
See Appropriation & Expenditure schedule	37,574,636.66
State and County Expenditures	<u>694,402.00</u>
Total Expenditures	38,269,038.66
Revenues over (under) Expenditures	1,339,874.44
Other Financing Sources and Uses:	
Transfer in from Special Revenue Funds	1,028,100.00
Transfer in from Capital Projects Fund	-
Transfer in from Water Fund	276,837.00
Transfer in from Trust Funds	1,000.00
Transfer out to Trust Funds	(150,000.00)
Transfer out to Capital Project Fund	-
Transfer out to Special Revenue Fund	(36,900.00)
Transfer out to Water Fund	(400,000.00)
Total Other Financing Sources and Uses	719,037.00
Revenues and Other Financing Sources over (under) Expenditures and Other Financing Uses	2,058,911.44
Fund Equity Beginning of Year	9,883,170.20
Fund Equity End of Year	11,942,081.64

Town of Chatham – Transfer Schedule – Year Ended June 30, 2016

<u>Source</u>	<u>General Fund</u>	<u>SRF Town</u>	<u>SRF School</u>	<u>CPF General</u>	<u>CPF Water</u>	<u>Water Fund</u>	<u>Trust Funds</u>	<u>Total</u>
Waterways Improvement	115,000.00	-115,000.00						0.00
Land Bank	870,100.00	-870,100.00						0.00
Shellfish Revolving	0.00	0.00						0.00
Wetlands Protection Fund	10,000.00	-10,000.00						0.00
Cemetery Sale of Lots	1,000.00	-1,000.00						0.00
Railroad Museum	3,000.00	-3,000.00						0.00
PEG Access Funds	25,000.00	-25,000.00						0.00
Insurance Proceeds								0.00
Perpetual Care	5,000.00						-5,000.00	0.00
Stabilization	0.00						0.00	0.00
Water Overhead	276,837.00				0.00	-276,837.00		0.00
Subtotal	1,305,937.00	-1,024,100.00	0.00	0.00	0.00	-276,837.00	-5,000.00	0.00
Pleasant Bay Alliance	-32,900.00	32,900.00						0.00
Cultural Council	-4,000.00	4,000.00					0.00	0.00
Agency Fund- Sch Custodian	0.00						0.00	0.00
Agency Fund- Meals tax	0.00							0.00
Capital Projects								0.00
Affordable Housing Trust Fund		-250,000.00					250,000.00	0.00
Stabilization/OPEb	-150,000.00						150,000.00	0.00
Water Tax Rate Subsidy	<u>-400,000.00</u>					<u>400,000.00</u>		<u>0.00</u>
Subtotal	-586,900.00	-213,100.00	0.00	0.00	0.00	400,000.00	400,000.00	0.00

Town of Chatham – State Local Receipts – Budget vs. Actual – Year Ended June 30, 2016

	<u>Budget</u>	<u>Actual</u>	Budget Savings (<u>Deficiency</u>)
Local Receipts:			
Motor Vehicle Excise	950,000.00	1,213,339.00	263,339.00
Hotel/Motel Excise	1,065,000.00	1,363,774.00	298,774.00
Local Meals Tax	300,000.00	412,661.00	112,661.00
Boat Excise	-	33,843.00	33,843.00
Penalties & Interest	100,000.00	300,547.00	200,547.00
Rollback Taxes			-
P.I.L.O.T.S.	20,000.00	30,178.00	10,178.00
Charges for service-sewer	300,000.00	489,441.00	189,441.00
Charges for service-trash	900,000.00	1,014,581.00	114,581.00
Other Revenue	540,000.00	600,662.00	60,662.00
Fees	150,000.00	203,428.00	53,428.00
Rentals	90,000.00	149,026.00	59,026.00
Park & Rec Charges	400,000.00	493,225.00	93,225.00
Other Dept. Revenue	50,000.00	63,162.00	13,162.00
Licenses & Permits	620,000.00	830,259.00	210,259.00
Special Assessments	60,000.00	49,139.00	(10,861.00)
Fines & Forfeits	50,000.00	61,663.00	11,663.00
Investment Income	20,000.00	39,643.00	19,643.00
Miscellaneous Revenue	2,500.00	3,003.00	503.00
E Rate School telephone reimb		-	
Non Miscellaneous Rev.	292,752.00	240,872.00	(51,880.00)
Medicaid Reimbursement	-	-	-
Total Local	\$ 5,910,252.00	\$ 7,592,446.00	\$ 1,682,194.00
State Receipts:			
School aid CH 70	-	-	-
School transportation			-
Charter School Assess. Reimb.	-	-	-
Charter School Capital Facility			-
Quinn bill	-	-	-
Exemptions-Vets, Blind & Elderly			
Unrestricted General aid	138,738.00	138,739.00	1.00
Veterans Benefits	16,377.00	16,477.00	100.00
Exemptions-Vets, Blind & Elderly	29,829.00	3,545.00	(26,284.00)
Total State	\$184,944.00	\$ 158,761.00	\$ (26,183.00)
Total Local & State	\$ 6,095,196.00	\$ 7,751,207.00	\$ 1,656,011.00

Town of Chatham – Balance Sheet June 30, 2016 – Debt – General

ASSETS

Amounts to be Provided for Payment of Bonds	80,228,874.64	
Loans Authorized	4,907,868.00	
Total Assets		<u>85,136,742.64</u>

LIABILITIES

Bonds Payable:		
Library Addition (5, 11/87)	19,113.00	
COA Building (30,5/94)	6,693.00	
School Construction (9, 11/95)	2,656,560.00	
Fire Station Construction	9,380,000.00	
Middle Road Land Acquisition (23, 5/93)	1,587.00	
Town Forest Nickerson Land (21, 5/92)	8,763.00	
Solonche Land (77/89)	6,279.00	
Refunding Issue - Land	70,587.00	
Road Improvements	15,000.00	
Community Center 11-03	360,000.00	
Land Acquisition- Abreu	1,380,000.00	
OMBY Ramp (25, 5/94)	1,104.00	
MWPAT Bond Sewer Betterments	79,364.64	
Gravel Packed Well (72, 5/87)	11,730.00	
Water Mains Queen Anne (67, 5/89)	2,553.00	
Water Mains (29, 5/90)	4,692.00	
Refunding Issue - Water	34,362.00	
Sludge Dewatering 8, 5/88)	12,558.00	
Refunding Issue - Sewer	690.00	
Landfill Closure	180,000.00	
Golf Course Acquisition	115,713.00	
Refunding Issue - Other O/L	7,659.00	
Community Center	4,205,000.00	
DPW Facility	1,640,000.00	
PD/Annex Town Offices	60,000.00	
McCoy Land Acquisition	860,000.00	
Mill Hill Road Land Acquisition	580,000.00	
Road Betterments (Northgate)	120,000.00	
Wastewater Treatment (w/ARRA forgiveness) 2916	1,630,011.00	
Wastewater Treatment Facility (cws 09-16) 2917	2,474,732.00	
Wastewater USDA (2945)	1,572,812.00	
Wastewater USDA (2946)	19,251,968.00	
Wastewater (CWS09-16-A) 2948	6,586,531.00	
Wastewater CW 13-10 (2/11/16) 2949	3,336,119.00	
Wastewater MWPAT (CW09-17) 2918	2,033,505.00	
Wastewater Art 13 ATM 5/8/06 (2933)	630,000.00	
Wastewater Art 14 ATM 5/11/09 (2938)	2,270,000.00	
Wastewater Pool 18 CW12-21 (2919)	3,658,189.00	
PD/Annex Town Offices	12,580,000.00	
PD/Annex Supplemental	945,000.00	
PD/Annex Equipment	55,000.00	
Land Purchase-Edson	450,000.00	
Roads, Sidewalk and Bike Path	840,000.00	
Road Betterments (Ell Str & Skyway)	95,000.00	
Total Bonds Payable		80,228,874.64
Loans Authorized & Unissued		<u>4,907,868.00</u>
Total Liabilities		<u>85,136,742.64</u>

Town of Chatham – 2016 Annual Wages

Name	Regular	Overtime	Longevity	Details	Other	Total
TOWN MANAGER						
Goldsmith, Jill R	165,787.98				1,300.00	167,087.98
Nealy, Shanna E	55,276.33		425.00			55,701.33
HUMAN RESOURCES						
Panuczak, Gerald P	63,373.60		510.00		32,976.86	96,860.46
FINANCE - ACCOUNTING						
Heilala, Alexandra H	113,441.76		250.00		3,424.00	117,115.76
Serijan, Cheryl L	65,935.20					65,935.20
Lancot, Mary M	17,280.93				1,678.39	18,959.32
Roberts, Sarah A	27,561.45	102.05				27,663.50
FINANCE - ASSESSORS						
Kelley, Ardelle P	72,713.36					72,713.36
Cook, Candace	47,411.20		500.00			47,911.20
Nahas, Jon	31,305.98	290.25				31,596.23
FINANCE - TREASURER/COLLECTOR						
Menesale, Tawnya K I	66,809.60				60.00	66,869.60
Redfield, Louise A	24,450.33		1,200.00		7,097.05	32,747.38
Beebe, Anita A	13,551.63	1,766.56			7,714.82	23,033.01
Chmura, Marie A	30,584.41					30,584.41
McKenna, Marissa R	37,382.10					37,382.10
CHANNEL 18						
Darmon, Ryan P	54,553.04					54,553.04
DeTraglia, Brandon E	37,921.92					37,921.92
Hamilton, Matthew W	1,152.31					1,152.31
Hull, Michael J	3,291.13					3,291.13
Small, Samuel R	49.74					49.74
INFORMATION TECHNOLOGY						
Rowe, Craig	89,440.00					89,440.00
Cuddy, James	68,307.20		1,600.00		1,613.60	71,520.80
TOWN CLERK						
Smith, Julie S	70,012.80				1,696.40	71,709.20
Tobin, Paula A	49,595.00	1,989.37	1,100.00			52,684.37
PERMIT DEPARTMENT						
Ellingham, Frances J	17,936.90				507.36	18,444.26
Desmond, Mark J	6,515.88					6,515.88
Fleischmann, Susan W	8,565.00					8,565.00
Nichols, Douglas J					347.03	347.03
CONSERVATION						
Edson, Molly T	24,834.56					24,834.56
Fougere, Mary M	44,207.80	12,224.82	1,100.00		30.00	57,562.62
Wightman, Paul C	37,657.00				258.70	37,915.70
Yount, Kellee	297.16					297.16
PRINCIPAL PROJECTS AND OPERATIONS						
Whalen, Terence M	93,953.60		600.00		1,806.80	96,360.40
FACILITIES						
Whelan, Norman	60,923.20	4,712.57	1,800.00			67,435.77
Kaser, Gary	54,038.40	2,656.47	2,000.00			58,694.87
Chambers, Jeffery L	32,508.00	546.83				33,054.83
Custodie, John	11,664.80					11,664.80
Rogers, Mary J	43,492.80		700.00			44,192.80
Kenlyn, Jerome	2,010.00					2,010.00
Powell, Lori	32,786.89		600.00		4,043.24	37,430.13

Town of Chatham – 2016 Annual Wages

Name	Regular	Overtime	Longevity	Details	Other	Total
POLICE DEPARTMENT						
Pawlina, Mark R	163,846.04				8,882.40	172,728.44
Cauble, John D	98,261.92		2,000.00		20,756.90	121,018.82
Boutin, Melanie A	50,523.20		500.00		4,000.00	55,023.20
Besette, Theresa M	5,922.50					5,922.50
Cronin, Brendan J	45,178.48	11,361.51		10,464.44		67,004.43
De Oliveira, Amanda M	43,093.69	8,295.31				51,389.00
Hemeon, Erin C	51,626.79	6,989.97	300.00			58,916.76
Meehan, Jeanine M	4,556.55					4,556.55
Taylor, Kristen E	5,390.60	716.30				6,106.90
Anderson, Michael D	86,300.80	2,921.08	1,500.00	14,079.16	22,304.10	127,105.14
Glover III, William R	76,763.36	51,029.54	2,000.00	33,835.56		163,628.46
Goddard, Andrew B	77,610.08	24,907.51	1,400.00	2,446.64	18,344.42	124,708.65
Harris, Sarah A	77,610.08	27,784.22	1,100.00	12,403.79	20,504.42	139,402.51
Massey, William G	77,252.16	31,986.25	600.00	2,583.24	20,064.42	132,486.07
Amara, Joseph A	52,836.34	9,325.19		25,161.88	5,500.00	92,823.41
Hutton, Andrew P	62,141.52	7,448.14	425.00	3,875.00	1,500.00	75,389.66
Little, William S. J	65,627.73	21,328.36	800.00	58,568.30	13,893.07	160,217.46
Malzone, Louis F	65,771.25	23,423.45	500.00	864.56	19,045.99	109,605.25
Merigan, Christopher R	56,163.20	9,941.21		26,190.57	5,220.00	97,514.98
Murphy, Michael A	65,627.73	27,711.04	600.00	42,402.26	14,661.82	151,002.85
Pasioneck, Mark R	53,226.72	8,051.31		28,302.78	1,160.00	90,740.81
Phillips, Geoffrey E	65,771.25	7,303.29	350.00	1,877.68	16,545.99	91,848.21
Powers, Thomas J	65,627.73	20,223.39	350.00	37,338.53	19,298.07	142,837.72
Ryder, Sean P	65,345.01	21,634.80	300.00	23,992.06	14,966.82	126,238.69
Vardakis, Christopher P	55,582.75	17,106.76		13,967.19	1,160.00	87,816.70
Walker, Brendan P	53,377.44	2,698.55		20,175.15	720.00	76,971.14
Whittle, John R	65,053.65	16,059.35	2,000.00	71,461.56	884.38	155,458.94
Wisniewski, Joshua S	65,053.65	11,163.50	500.00	49,894.67	1,525.00	128,136.82
Finacom, Robert P	4,226.48	1,199.88		56,209.25		\$61,635.61
ANIMAL CONTROL						
Byers, Diane M	40,266.30	3,231.00			1,000.00	44,497.30
FIRE DEPARTMENT						
Ambriscoe, Michael	142,705.20	600.00			18,591.00	161,896.20
Connick, Peter E	101,718.00				10,608.40	112,326.40
Depasquale, David M	78,110.34	20,369.18	1,500.00	748.34	5,000.00	105,727.86
Flynn, Matthew R	78,552.24	39,967.46	2,000.00	618.66	7,900.00	129,038.36
Higgins, Mark A	78,543.77	33,622.02	1,600.00		7,475.00	121,240.79
Wirtz, Wallace F. N	78,110.34	41,657.82	1,500.00		7,900.00	129,168.16
Fellman, Violet A	72,055.68	6,851.39	900.00		6,900.00	86,707.07
Ready, David	71,955.68	28,013.77	1,900.00		7,325.00	109,194.45
Silvester, Ralph	72,055.68	51,579.41	600.00	959.00	9,175.00	134,369.09
Smith, Gerard C	72,055.68	36,785.63	900.00	765.96	4,700.00	115,207.27
Heller, Mark R	76,919.91	26,466.87	700.00	382.98	8,900.00	113,369.76
Shevory, Richard	77,915.58	28,694.01	600.00	689.42	5,000.00	112,899.01
Bates, Vance	67,027.06	21,625.67	600.00		6,154.96	95,407.69
Black, Nicholas W	62,594.55	23,858.09		1,106.30	7,300.00	94,858.94
Clarke, Ryan	66,974.68	29,793.61	425.00	748.34	7,900.00	105,841.63
Delande, William A	68,227.57	37,060.83	1,100.00		6,100.00	112,488.40
Field, William RC	61,499.30	17,113.21			6,500.00	85,112.51
Fietz, Harrison R	52,795.02	23,864.68		353.52	5,425.00	82,438.22
Henderson, Stacey A	67,027.07	34,227.90	800.00		8,045.28	110,100.25
Holmes, Ryan C	67,027.06	25,107.01	700.00	382.98	4,493.10	97,710.15
Hunter, Timothy J	67,377.13	38,344.17	800.00	235.68	6,178.62	112,935.60
Long, Scott A	67,027.06	30,864.02	600.00		7,291.74	105,782.82
Lopriore, Michael R	22,838.56	5,594.81			3,050.00	31,483.37
McGrath, Rachel S	23,095.04	9,998.75			3,050.00	36,143.79
Moore, Kevin J	67,027.06	17,553.33	1,500.00		3,232.06	89,312.45
Ricard, Shawn M	29,799.28	2,105.30		441.90	5,985.71	38,332.19
Ruggiere, Nicholas P	63,112.62	16,891.98	250.00		7,600.00	87,854.60
Tavano, Justin T	70,480.55	28,859.38	500.00	765.96	6,266.92	106,872.81
Young, James A	58,402.13	19,947.24		247.52	3,200.00	81,796.89
Lyman, Constance L	2,208.00			441.90	507.36	3,157.26
Pennypacker, Craig H	1,488.00			235.68		1,723.68

Town of Chatham – 2016 Annual Wages

Name	Regular	Overtime	Longevity	Details	Other	Total
COMMUNITY DEVELOPMENT						
Ruffer, Deanna L	101,974.80				1,986.00	103,960.80
Bennett, Ryan G	40,267.20	1,033.70			588.66	41,889.56
Donovan, Kathleen	13,808.00					13,808.00
Caruso, Kristen M	63,689.60					63,689.60
Post, Justin J	77,502.40				1,487.60	78,990.00
Chandler, Jeffrey S	59,763.11					59,763.11
McManus, George F	25,868.85	1,165.92	650.00			27,684.77
Olkkola, Eric R	8,035.86		320.83		4,393.45	12,750.14
Brigham, Anna	12,570.97					12,570.97
Clarke, Michele A	56,680.00		500.00			57,180.00
Clark, Sarah B	50,036.96	2,732.93	350.00			53,119.89
Bassett, Christina A	33,075.41					33,075.41
Cantwell, Leanne	7,630.00					7,630.00
NATURAL RESOURCES						
Duncanson, Robert A	114,607.20		2,000.00			116,607.20
Giorgio, Judith	68,126.58		700.00		2,788.16	71,614.74
Ward, Steven J	4,647.68					4,647.68
Griscom, Sarah B	20,115.02					20,115.02
Langlois, Dianne E	44,207.80	2,981.65	2,000.00			49,189.45
Norris, Deborah H	402.04				1,791.70	2,193.74
Keon, Theodore L	70,428.80		1,300.00		1,896.16	73,624.96
Gagne, Renee D	64,126.40				1,226.00	65,352.40
Hutchinson, Rachel C	55,259.20					55,259.20
Doane, Shannon R	3,111.50					3,111.50
Vitale, Dominick J	3,448.50					3,448.50
Smith, Stuart F	93,953.60		2,000.00		1,806.80	97,760.40
Holm, Jason B	54,553.04					54,553.04
Ryder, Michael D	42,619.39	4,599.13				47,218.52
Rocanello, Susan K	65,540.80	342.71	1,300.00			67,183.51
Horne, James M	11,560.00	1,650.00				13,210.00
Archer, Matthew T	5,256.00					5,256.00
Deeg, Thomas J	7,029.00	27.00				7,056.00
L'Etoile, Brad A	3,312.00					3,312.00
Byrnes, Robert J	6,786.00	217.50				7,003.50
Hussey, Matthew D	3,809.13	244.13				4,053.26
Murphy, Thomas F	6,771.50	304.50				7,076.00
Seraphin, Andrew R	1,808.00					1,808.00
Summers, John B	8,233.50	49.51				8,283.01
Woods, Christopher J	5,879.25					5,879.25
St. Pierre, Donald					750.00	750.00
Barrett, Edward J	297.00					297.00
Denn, Robert F	1,747.50					1,747.50
Dobbins, John F	435.00					435.00
Dobbins, Mark P	622.50					622.50
Felix, Allyson K	847.50					847.50
Hahner, Jeffrey	1,260.00					1,260.00
Hojnoski, Janine A	341.25					341.25
Kolb, Peter C	5,553.75					5,553.75
MacMullan, John J	1,815.00					1,815.00
McGee, Dennis P	2,686.13					2,686.13
Ryder, Robert S	3,048.75					3,048.75
Sampson, Lawrence W	6,983.75					6,983.75
Simonitsch, Mark A	1,278.75					1,278.75
Zartman, Carl K	3,886.46					3,886.46
Phillips, Suzanne	16,080.00					16,080.00
Lemieux, Kaylin G	570.00					570.00
Olson, Thomas A	6,328.16					6,328.16
Phelan, Kathleen	1,299.00					1,299.00
Watts, Janet R	2,892.00					2,892.00
DEPARTMENT OF PUBLIC WORKS						
Temple, Thomas P	99,492.00				855.26	100,347.26
Rooney, Robert R	4,494.40				600.00	5,094.40
White Jr, Paul L	65,540.80	10,486.09	2,000.00			78,026.89
Mehall, Mark D	55,790.88					55,790.88

Town of Chatham – 2016 Annual Wages

Name	Regular	Overtime	Longevity	Details	Other	Total
Jones, Pamela J	52,513.68	4,682.44	600.00		1,275.00	59,071.12
Young, Robin A	37,754.22	787.71			323.18	38,865.11
Friend, Kenneth M	56,680.00	3,427.10	2,000.00	62,107.10		
Friend Jr, Gerald N	52,707.20	5,676.18	600.00	58,983.38		
Gates, Brian G	52,707.20	3,490.60	1,300.00	57,497.80		
Nickerson Jr, Crayton S	10,584.00					10,584.00
Laurie, David	56,680.00	1,083.29	800.00			58,563.29
Leavenworth, Steven T	56,680.00	3,433.84	1,600.00	61,713.84		
Putnam, Richard M	47,960.48	829.89				48,790.37
Dutcher, Tucker A	39,203.35	1,960.85				41,164.20
Powers, Brian L	49,046.40	5,122.78	600.00			54,769.18
Hopkins, Gregory M	5,570.00					5,570.00
Long, Jonathan W	16,464.00	1,575.00				18,039.00
Squires, Jeremiah T	3,785.00					3,785.00
Underwood, Jennifer L	39,464.72	690.54		40,155.26		
Coholan, Richard E		420.00				420.00
Davis, David M		984.00				984.00
Lucarelli, Maxwell S		810.00				810.00
Lusher, David M		654.00				654.00
Mador, Robert J		492.00				492.00
Peabody, Richard M		156.00				156.00
Peter, Richard V		288.00				288.00
Porter, Richard S		91.00				91.00

CEMETERY

Goodspeed, Linda M	10,878.30					10,878.30
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COUNCIL ON AGING

Speakman, Amanda L	62,070.40					62,070.40
Shea, M. Stephanie	35,855.40					35,855.40
Souza, Eva M	40,888.05					40,888.05
Grunwald, Shawn S	29,451.63					29,451.63
Michniewicz, Nancy A	30,260.37					30,260.37
Carucci, Kathleen M	13,356.91					13,356.91
Golia, Gerald E	1,832.33					1,832.33
Heffron, Stephen M	2,842.50					2,842.50
Hosmer, Richard	1,003.83					1,003.83
Kallstrom, Roger W	14,405.90					14,405.90
Robinson, Paul M	5,304.71					5,304.71
Whelan, William V	1,710.00					1,710.00
Bastone, Elsa C					507.36	507.36
Bloomer, Shirley A					239.47	239.47
Campanro, Daniel P					507.36	507.36
Douglas, Jennifer A					507.36	507.36
Fiore, Laura V					507.36	507.36
James-Slowick, Jill					507.36	507.36
Read, Kathleen					507.36	507.36
Romano, Anne M					507.36	507.36
Tripp, Dorothy E					347.03	347.03
Vreeland, Patricia S					507.36	507.36
Waters, Barbara					446.47	446.47
Whittaker, Janice					507.36	507.36

PARKS AND RECREATION

Tobin, Daniel L	114,607.20		2,000.00		4,247.20	120,854.40
Farrell, Georgia A	48,991.80		1,079.00		130.00	50,200.80
Winkfield, Suzanne F	48,991.80		350.63			49,342.43
Stark, Sharon E	48,991.80		498.00			49,489.80
Mabile, Susan M	38,052.70	1,762.26			100.00	39,914.96
Gatzogiannis, George E	42,432.00	413.10	425.00			43,270.10
Deveau, Brian J	35,570.08	512.39				36,082.47
Gulotta, Vincent E	23,218.52	351.00				23,569.52
Likos, David C	20,018.38	57.45			503.25	20,579.08
Quinn, Walter W	16,980.66	124.09			288.49	17,393.24
Redmond, Thomas L	11,783.97				437.00	12,220.97
White, Joseph C	7,830.04				267.60	8,097.64
Constant, David J	49,022.82		1,800.00			50,822.82

Town of Chatham – 2016 Annual Wages

Name	Regular	Overtime	Longevity	Details	Other	Total
PARKS AND RECREATION						
Fougere, Paul L	49,046.40	5,364.47	800.00			55,210.87
Friend, Ronald A	47,918.32	3,043.50	425.00			51,386.82
Fulcher, Jerauld W	19,577.25					19,577.25
Gold, Nathan M	7,176.00					7,176.00
Kendrick, John K	21,681.00					21,681.00
Callaghan, Charles G	6,640.51					6,640.51
Barnard, Samantha R	4,697.00					4,697.00
Briody, Emma E	4,123.00					4,123.00
Douglass, Elizabeth P	5,502.00					5,502.00
Spiegel, Katherine M	2,212.00					2,212.00
Van Amson, Katherine P	3,801.00					3,801.00
Verrilli, Andrew J	4,949.00					4,949.00
Barry, Kelly A	1,306.50					1,306.50
Brown, Olivia M	3,981.25					3,981.25
Callaghan, India M	5,286.76					5,286.76
Grant, Alexander T	1,587.50					1,587.50
Hano, Peter W	4,985.50					4,985.50
Montgomery, Alise E	4,907.50					4,907.50
Montgomery, Jaime N	3,204.50					3,204.50
Murphy, Joseph J	2,908.75					2,908.75
O'Leary, Jonathan P	1,400.00					1,400.00
O'Malley, Sadie M	5,362.50					5,362.50
Payne, Erin F	3,812.50					3,812.50
Round, Connor M	5,114.51					5,114.51
Shiner, Nicholas C	775.00					775.00
Taylor, Julia D	5,427.50					5,427.50
Toffolon, Robert J	1,500.00					1,500.00
Verrilli, Caroline M	4,625.00					4,625.00
Whitfield, Jacob F	5,556.25					5,556.25
Winslow, John F	5,106.25					5,106.25
Callery, Brooke A	12.00					12.00
Zeyen, Lucas F	1,458.00					1,458.00
Burke, Olivia A	425.25					425.25
Fincher, Jonathan D	582.75					582.75
Geremia, Christopher J	656.25					656.25
Haskell, Grace D	1,076.25					1,076.25
Gustafson, Carl R	5,072.00					5,072.00
Hart, Elizabeth A	7,956.00					7,956.00
Rosen, Joshua M	8,416.00					8,416.00
Colby, Robert W					507.36	507.36
Frederick, Thomas H	4,196.75					4,196.75
Hardigan, Susan T	4,080.00					4,080.00
Jones, Diana Beatrice	3,358.00					3,358.00
Mack, Christopher P	3,818.00					3,818.00
Proudfoot, Jill M	3,582.25					3,582.25
Regan, Richard F	1,029.25					1,029.25
Spaduzzi, Ralph	1,050.50					1,050.50
Cuturilo, Nina	1,001.00					1,001.00
Delic, Miljko	962.00					962.00
Markovic, Damjan	507.00					507.00
Temple, Riley M	3,601.00					3,601.00
Davis, Eric M	1,891.50					1,891.50
Markovic, Filip	1,027.00					1,027.00
Nebregic, Uros Z	1,215.50					1,215.50
Wilcox, Aidan T	1,312.50					1,312.50
McCowen, Kristina L	1,886.00					1,886.00
Guarente, Laureen J	1,850.63					1,850.63
Mabile, Noah W	6,279.00					6,279.00
Avellar, Aaron S	1,013.25					1,013.25
Baldwin, Molly E	1,606.00					1,606.00
Callery, Jacqueline L	88.00					88.00
Camp, Robert J	979.00					979.00
Concordia, Emmaline G	1,543.50					1,543.50
Dickson, Emily E	1,584.00					1,584.00
Hyson, Eric L	1,663.75					1,663.75
Keenan, Patrick A	1,617.00					1,617.00
Kelemen, Adam D	1,578.50					1,578.50

Town of Chatham – 2016 Annual Wages

Name	Regular	Overtime	Longevity	Details	Other	Total
PARKS AND RECREATION						
Kratochwill, Alexandra M	1,470.00					1,470.00
Mabile, Samuel S	1,900.00					1,900.00
Menoni, Molly E	215.25					215.25
Menoni, Thomas J	1,245.00					1,245.00
Murray, Colin J	1,633.50					1,633.50
Paquin, Kaylee R	695.00					695.00
Pavlakakis, Aleczander J	1,848.00					1,848.00
Seidewand, Cooper S	1,275.00					1,275.00
Sequin, Alexandra M	1,584.00					1,584.00
Whiteley, Kaia G	1,323.00					1,323.00
Wilcock, Ashley T	1,435.00					1,435.00
Paige, Bruce J	1,743.50					1,743.50
Rafuse, John L	1,331.00					1,331.00
Cain, Leo J	6,560.00					6,560.00
Carlson, Ian A	6,048.00					6,048.00
Grilli, Curtis J	7,504.00	288.00				7,792.00
Peacock, Robert E	7,344.00	408.00				7,752.00
Politi, Colin J	6,372.00					6,372.00
Tuminelli, Nicholas F	5,736.00					5,736.00
STIPENDS						
AIRPORT COMMISSION						
Donovan, Peter	400.00					
Geylin, Michael	200.00					
Harrison, Huntley	200.00					
Lofgren, Paula	200.00					
Patterson, Nancy	200.00					
Pennypacker, Craig	200.00					
Rauscher, David S.	200.00					
Wilson, Tom	200.00					
BOARD OF ASSESSORS						
Brown, Thomas	1,500.00					
Burke, John	1,500.00					
Franz, Robert	1,750.00					
BOARD OF SELECTMEN						
Dykens, Jeffrey S	2,500.00					
Love, Amanda V	1,485.98					
Metters, Cory	2,000.00					
Nicastro, Dean	2,000.00					
Roper, Timothy L	750.00					
Taylor, Seth T	2,000.00					
CEMETERY COMMISSION						
Goodspeed, George	1,000.00					
Hart, Stephan	500.00					
Whitcomb, Susan	500.00					
MODERATOR						
Litchfield, William G	600.00					
REGISTRARS OF VOTERS						
LaPorte, Virginia	300.00					
Tobin, Frank	300.00					

CHATHAM ANNUAL REPORT 2016

Annual Town Department/Committee Reports

Affordable Housing Committee

During the past year, the Affordable Housing Committee continued its ongoing work to foster the creation of affordable housing opportunities in Chatham. We are proud to share our help to Habitat for Humanity on the building of four houses on Main Street that will be ready for occupancy this summer. We continue to work on other projects:

- A 2nd video is being developed on Affordable Housing in Chatham. Our first Video may be viewed on the Town website or on YouTube search "Faces of Affordable Housing in Chatham." We have shared this first video at the Orphium Theater and groups of citizens...explaining the need for year round workers such as police officers, firefighters, EMTs, teachers, and individuals from the service community.
- develop year round affordable units for working members of our community and those financially vulnerable. As Chatham continues to have an older population living on a fixed income there is a definite need.
- identify and take advantage of properties that have discounted or nominal costs, such as Town-owned or tax-foreclosures to make the development of affordable housing more financially feasible.
- minimize impacts on the build environment such as accessory apartments, small infill developments, or buy-down initiatives that convert existing housing into affordable housing units.
- encourage mixed-income development to minimize stigmas associated with concentration of affordable units.
- Our deepest gratitude to Deanna Ruffer and the staff of the Community Development Department; the members of the Planning Board; Channel 18 staff; Board of Selectmen and Town Manager; Chief Pawlina; and all Town employees.

Each of the above & numerous interested citizens have come aboard in 2016 to help the CAHC meet our goals. A lot more needs to be done; thank you for your continuing help and come along with us as we help to keep Chatham a year round community...not just a destination.

**Respectfully submitted,
Shirley L. Smith, Chairman**

Airport Commission

The Chatham Airport Commission is regulated by the M.G.L. Chapter 90 and Federal Aviation Administration (FAA) and Massachusetts Department of Transportation Aeronautics Division (Mass DOT) regulations. These are available for viewing on our Town website. The Airport Commission along with our Airport Manager, Tim Howard, has kept Chatham Municipal Airport (CQX) one of the best maintained and operating airports in the Commonwealth as Mass DOT inspections have shown. All Federal grant improvement projects are funded as follows: FAA 90%, Mass DOT 5% and the Town of Chatham 5%. All State grant projects are funded by Mass DOT 80% and Town of Chatham 20%. These percentages are subject to change based on Federal and State budgets.

The Airport Commission has continued to pursue actions to make the airport as self-sufficient as possible and less reliant on Town funding. Increased lease revenue from airport tenants plus T-Hangars built previously and more coming on-line in 2020 are making this goal achievable. Cape Light Compact Energy Savings Incentive Project pursued by our Airport Manager has resulted in replaced main administration and hangar complex lighting with energy efficient LED fixtures & lamps valued at \$17,422.44 at no cost to our Commission. The Commission and Airport Manager have worked with the Town to successfully demonstrate a pressing need for some building rehabilitation and equipment need resulting in the Town approving \$302k Capital funding for Main Building Rehabilitation, Green Hangar Door Replacement, Storm Water Prevention Plan, and Snow Removal Equipment Purchase.

The Commission has worked through and approved three contracts this past year: Airport Management by Cape Cod Flying Circus, Airport Professional Consultant Service by Gale Engineering and Hangar B restaurant. Currently the Commission is working with the Town and FAA on a Corrective Action Plan to the FAA Land Use Inspection Report.

The Commission continues its efforts to be a good neighbor to the Chatham community. CQX has initiated a 'Fly Friendly' Noise Abatement program with brochure, website link and airport directory publishing's. What has become an Annual Open House/Community Day was held in June with more than 1700+ attendees, almost doubling the previous year's attendance. Airport volunteers create entries in the Towns July 4th Parade and Pumpkins in the Park events as well as collecting donations for Angel Flights

and providing free aircraft rides for children. CQX has spread information on Drones/UAS regulations regarding commercial use and operator requirements, with links to Town Website, and the Airport Manager participating with Chatham Police in public information sessions. CQX has also assisted the National Seashore and USCG with storing and supporting their building materials for the restoration of the Monomoy Lighthouse/Keepers house complex. As always CQX continues to serve and assist the Chatham Fire Dept. with ditch rescue training and the numerous Life-Flight missions flown out of CQX each year.

Late last year the Massachusetts Airport Management Conference presented its Unsung Hero Award to our Airport Manager for dedication to aviation safety, commitment to the Airport, and outreach to the community. This year our Assistant Airport Manager, Trevor Laue, has been recognized by Airport Business magazine as one of their "Top 40 Under 40" young aviation professionals for 2016. The Commission would like to thank these gentlemen, our Town staff liaison Terry Whalen, the Town's Finance Director Alex Heilala, the Chatham Police Department and Chatham Highway Department for their assistance and support over the past year. In closing the Commission would like to especially thank Town Manager Jill Goldsmith, Town Counsel, and the Board of Selectmen for working with the Commission on the complex issues that we deal with.

**Respectfully submitted,
Peter Donovan, Chairman**

Animal Control

The year 2016 was another eventful year for the Animal Control Department. The spring and summer were busy with many orphaned and injured wildlife calls. Additionally, there were many calls about loose dogs and cats. As a reminder, please remember to keep your pet's rabies vaccinations current. All dogs and cats should have a Chatham Town license affixed to their collar. Town licenses help ensure that pets who wander are returned to their owners promptly and safely.

The Chatham Pet Food Pantry is doing well, thanks to many generous donations and hard work put in by the Chatham Dog Club. I would like to remind everyone who may need occasional assistance with dog or cat food that they are welcome to visit the pantry, located at 82 Meeting House Road.

We have had no new positive cases of rabies in the Town this year. This is proof that the rabies baiting program has been a success. However, 'mange' has swept through the fox and coyote populations. Animals with

mange often have fur missing and frequently scavenge in the daytime for food. Although mange does not cause aggression in itself, please remember to keep a healthy distance from all wildlife and do not feed wildlife that appears to be sick or injured.

Lastly, I would like to thank the residents of Chatham, the Chatham Health Department, the Department of Public Works, the Fire Department and the Police Department. Thank you for your continued support and assistance.

Total Calls for Service 540

CALLS BY TYPE

Wildlife	173
Domestic Animal	273
Livestock	10
Other	84

**Respectfully submitted,
Diane Byers**

Chatham Animal Control Officer

Aunt Lydia's Cove Committee

In 2016 the main discussion points for the Aunt Lydia's Cove Committee were as follows:

1. Fuel Diesel Tax at the Fish Pier – Must meet the requirements for the price fishermen pay per gallon; This is an ongoing discussion. We have met with Eric Plisko from Whiteley's Oil and Fuel to discuss. A part of the conversation was commercial boats having priority on fueling;
2. Capital Improvements of the Fish Pier:
 - Reviewing feasibility study for Fish Pier;
 - We have agreed on replacing South Jog wall and there is ongoing discussion about extending the South Jog finger pier to accommodate more vessels, as well as finding a new home for Coast Guard vessels;
 - Removal of Coast Guard from North Jog as the space could be better utilized for commercial fishermen and moving the Coast Guard to South Jog floating docks;
 - Discussing alternative walkways from upper parking lot to public floating docks (which services charter vessels and tour vessels) in order to discourage people from walking through the lower parking lot of the Fish Pier. This is an ongoing discussion as that parking lot has now been extended;
 - Improvements to the Fish Pier Packing House;
 - Review of commercial fishing permits.
3. Discussing Fish Pier Back Door landings
 - It is now available to all in possession of unloading permits;

4. Joint Discussion with Waterways Committee regarding Fish Pier and offloading permits and fees:

- Waterways Committee increased fees.

No further joint meetings needed!! It was handled one-sidedly and was an embarrassment to the Town of Chatham.

**Respectfully submitted,
Douglas Feeney, Chairman**

Bikeways Committee

The Chatham Bikeways Committee is comprised of members who are passionate about safe bicycling, both as transportation and as recreation. Current members are Karen McPherson, David Widing, Steve Wardle, Doug Nichols, Jimmy Ponte, Randi Potash and John O'Toole.

During 2016, two members left the Committee: Ron Holmes (former Chair) and Debbie Swenson. We were pleased to welcome Randi Potash and John O'Toole in August and September. In April, we were also pleased to welcome Chatham's new Director of Public Works, Tom Temple. Upon the resignation of Ron Holmes, Karen McPherson assumed the Chair on a temporary basis at our August meeting.

As we have tried to improve the experience of riding in and around Chatham, we adopted a standard bike rack design, and were able to secure a grant for replacing old racks, increasing bicycle parking at several locations, and installing racks at additional locations. We conferred on the location and design of a rack to be placed near the Chatham Chamber of Commerce shack on Main Street, in memory of deceased Bikeways member, Tom Patton.

Our Bike Rodeo was held in June. Unfortunately, the time conflicted with many youth activities that morning and participation was disappointing. We are revisiting our approach for 2017, as we continue to think that bike safety is an important skill to teach youngsters. Sergeant William Massey of the Chatham Police is a wonderful and helpful liaison in this event.

We also meet with and confer with the groups sponsoring the J1 and H2B workers in an effort to improve safety among them, as most seem to ride bikes to their employment.

We have made recommendations to the Selectmen with regard to connecting the bike trail from George Ryder Road to the new roundabout designed for the West Chatham area. In addition, we are proposing more informative signage, especially at intersections leading to the various Chatham beaches, as well as possible additional bike routes (non-trail) in Chatham.

The Committee has not planned another

Tour de Chatham at this time, inasmuch as it requires an inordinate amount of work from too few people. However, the Committee will evaluate this again during 2017, possibly as a fund-raiser for safety equipment for summer workers.

Members maintain contact with bicycle advocacy organizations, including Mass-Bike, Adventure Cycling, and the League of American Bicyclists.

In closing, it must be said that both Krissy Caruso and Tom Temple have worked diligently on behalf of the Town's bicycling community. Ms. Caruso updated and printed new maps (showing the new locations of fire, police and schools) and arranged for large maps for the several kiosks. Mr. Temple was immediately responsive to complaints including graffiti, damaged fences and eruptions in the asphalt along the bike trail. He also provided the Committee with pertinent information as we made our recommendations and plans. We are extremely grateful for the interest and input from both.

**Respectfully submitted,
Karen McPherson, Chairman**

Board of Assessors

The Town of Chatham Assessing Department, a division of the Finance Department, value all the real and personal property within our community as required by Massachusetts law. To meet these requirements, the Assessors are obligated to revalue all properties yearly and, once every three years, undergo a State recertification audit. This is done so that each property taxpayer in the community pays his or her share of the cost of local government in proportion to the amount of money the property is worth.

In addition to appraisal duties, the Assessing Department is responsible for the processing of statutory tax exemptions, tax abatement filings for real estate and motor vehicle and boat excise taxes; updating records of deeds received from the Registry of Deeds, maintaining records of exempt property; managing the assessment records, which includes property record cards and Assessors' maps and defending Appellate Tax Board cases.

The Assessors' web page continues to provide data access by logging onto the Town of Chatham website; going to "Departments" and then "Assessing". The Assessors Maps can be accessed through the GIS as well as with the updated integration of Maps-On-Line with the taxpayer database, offering users more options and details. Ownership and all address changes now happen on a regular basis so we can assist our users with more current and up to date information.

This year the Assessing Department did interim year adjustments for Fiscal Year 2016 market sales. The Massachusetts Department of Revenue reviewed our community's values and certified that they reflected current fair cash values. We strive to diligently maintain our databases, be open to the public needs and to perform in a manner in which the Town of Chatham and Department of Revenue standards are consistently met.

The Assessing Department is pleased to announce that Jon Nahas joined the Assessing office as the new Assessing Clerk/Field Technician. Jon has completed the course of Assessment Administration: Law, Procedures & Valuations. Welcome Jon.

The Board of Assessors would like to congratulate Candace Cook, Assistant Assessor, who received her designation as a Massachusetts Accredited Assessor (# 1271) by the Massachusetts Association of Assessing Officers.

The Board of Assessors wishes to express their appreciation to the entire Assessing staff. Their diligent work and attention to detail are to be commended. In addition, we would like to extend a special thank you to our Assessing Director, Ardelle Kelley.

**Respectfully submitted,
John Burke, Chairman**

Board of Health

The Board of Health had a busy and productive year in 2016. Prior to highlighting our accomplishments, I would first like to acknowledge my fellow Board members and all of the Town staff that provide support to us.

The Board of Health is composed of 5 members: John Beckley, Ron Broman, Ed Sheehan, Allen Ward, M.D., and Edwin (Ted) Whittaker. John Beckley was appointed as a full member in June 2016; he served from January-June to complete the unexpired term of Mary Ann Gray, who retired in December 2015 due to health issues. We are pleased to have John as member. With his 30+ years of experience in public health service in NJ, he is a great asset to the BOH. In addition, the continued long service of Ed Sheehan, Vice Chairman, and members Ron Broman and Allen Ward, M.D., is acknowledged. My sincere thanks are extended to each of them for all of their hard work and continued dedication to the Board of Health.

The Board of Health is also very fortunate to have excellent staff support services which allow us to function at a high level. Our thanks and appreciation is hereby noted for their hard work, dedication, and professionalism. We specifically would like to acknowledge Robert Duncanson, PhD, Director of

Natural Resources, Judy Giorgio, the Town Health Agent, Stephen Ward, Health Inspector, and Dianne Langlois, who provides secretarial and administrative support. A warm welcome is extended to Steve who assumed the role of Health Inspector in September 2016.

Now, I would like to highlight our accomplishments for 2016.

REGULATORY

- Plastic Bag regulation – The Board enacted a new regulation in December 2015, which prohibited the use of single use plastic bags with integral handles by vendors in the Town of Chatham. However, the effective date of the regulation was established as January 1, 2017, thus allowing business establishments time to use up current supplies and purchase new bags to meet the new standard.
- Synthetic drug regulation – The Board voted to enact a regulation banning establishments from selling unregulated drugs, such as synthetic marijuana, commonly known as Spice or K2. [Effective July 28, 2016]
- Nitrogen Loading Regulation revision – Major changes included limitations in allowing nitrogen aggregation plans in nitrogen sensitive areas (Zone II) and precluding use of a donor property for aggregation purposes more than one time. [Effective Sept. 15, 2016]
- Proposed updating of current regulations with regard to tobacco use and sales is currently under discussion. The changes being considered include the ban and sale of tobacco products, including e-cigarettes, to any person under the age of 21 in the Town of Chatham.

MEETINGS

- The BOH conducted 21 public meetings in 2016, which involved 87 hearings. 27 variances were granted during the year.

SEWER CONNECTION ACTIVITY

- The installations of mandated sewer connections continue at a slow, steady pace. This past year 74 installations were completed for a total of 259 now installed in the Town.
- The Board granted 10 extensions to property owners who had valid reasons for requesting additional time to complete their installations – down from 44 for 2015.

BOARD OF HEALTH SPONSORED ACTIVITIES/TRAINING PROGRAMS

- Serv Safe Class at Town Hall Annex [May 16 and May 23, 2016]
- Choke Safe Training at Town Hall Annex [May 27, 2016]

- Annual Health Fair (including flu shots) at Community Center [September 24, 2016]
- 2nd Additional Flu shot clinic at Community Center [October 13, 2016]
- 3rd Additional Flu shot clinic at Monomoy Middle School [November 1, 2016]

TOWN INTERACTIONS

The Board continues to maintain excellent communication with the various Town departments, including the Fire and Police Departments. It is very important that Board members have updated knowledge of the various health and safety issues and problems that face the Town. Effective communication and cooperation with all Town departments is particularly valuable and allows us to do a better job.

We look forward to another productive year in 2017.

**Respectfully submitted,
Edwin K. Whittaker, Chairman**

Cable Advisory Committee

Currently the Cable Advisory Committee consists of three (3) voting members. The mission of the Committee is to be called on from time to time to convene for the purpose of discussing and making recommendations on cable related topics, and in particular the Town's cable television contract.

The current members are:

Huntley Harrison, Chairman
Richard Garvin
Lisa Franz
Craig Rowe, Town Liaison (non-voting)

The current cable television contract between the Town of Chatham and Comcast runs through January 2021. The Cable Advisory Committee works with other towns to define the fee structure, network services, programming, service to public buildings, FCC requirements, etc. Essentially, anything that Comcast does in Chatham is covered in the contract. The Cable Advisory Committee was involved in the contract negotiations leading up to the current ratified contract, and made recommendations for the additional contract with Cape Cod Community Media Center to fund the Public Access Channel 99.

In addition to Public Access Channel (99), the Committee has oversight and contractual responsibility for the Town government channel, 18, and the educational channel, 22.

Comcast returns to Chatham 4.5% of the Gross Annual Revenue collected from cable service fees of approximately \$6.33 million dollars. This return amounts to \$285,000, which is split between the Public Access, Education, and Government channels (PEG). This breaks down as follows:

- Public Access Channel 99 – 1.5% or ~\$99,000
- Education Channel 22 – 1% or \$66,000
- Government Channel 18 – 2% or \$120,000

The Cape Cod Community Media Center manages Channel 99 and provides five towns (Chatham, Harwich, Dennis, Barnstable, and Yarmouth) a state-of-the-art media resource center with studios, control rooms, editing facilities, and a set of courses available to the towns for a nominal membership fee. Community members can be trained to use video equipment and to produce their own shows.

The Education Channel (22) is the television station for the Monomoy Regional School District. It televises the School Committee meetings, student created productions, and the school bulletin board featuring special events, sports, the lunch menu, and other items of interest to the school community. The new high school features a TV studio and control room facility that provides live cablecasts to both Chatham and Harwich. According to Steve Cass, the Video Production teacher, the television studio and equipment are operational 24/7 on Channel 22 and also has a YouTube channel. The money received from Comcast is used for specialized equipment, such as a portable video switcher for live events and TV programs that need to mix a variety of video and audio sources. This will provide the capability to add graphics and titles for on-location events and live streaming to the Internet. Future expenditures will be for equipment upgrades – cameras, studio enhancements, and fiber optic cable to the athletic field.

The Government Channel (18) provides citizens live viewing of various committee meetings from the Annex as well as streamed and archived meetings on the town website. Currently, all Town committee meetings are broadcast live or recorded in self-serve rooms set up in various locations. This clearly demonstrates the Town's commitment to increasing the transparency of local government. The Channel 18 staff also covers Town events, such as the 4th of July Parade, First Night, the Polar Plunge, and various public service cablecasts. They also assist with the production of Chatham Today.

Given the dates of contract review and involvement, the Cable Advisory Committee spent the majority of 2016 focusing on Chatham Today, a monthly video chronicle of Town events, activities, and current Town information. Now in its fifth year, Chatham Today produces monthly segments. The segments run on Public Access Channel 99, Facebook and YouTube, and on Channel 18. Moving forward into 2017, the Committee will again focus on Chatham Today program-

ming. Future plans include specials for the Sewer Plant, Community Garden, the new Chatham Shark Center, and other interesting people and places in Chatham.

As you know, all marketing efforts for Chatham Today are confined to free sources; and, thanks to Ryan Darmon's efforts, Channel 18 is handling our programming needs more than adequately. We are extremely fortunate to have the support of the Board of Selectmen and the Chatham Chamber of Commerce in our production effort.

The Institutional Network, or I-Net, is the fiber optic backbone that connects Town buildings and the schools for their exclusive non-commercial use. This network provides the free drops and service at no charge; however, the programming is the responsibility of the end users – Channel 18, Channel 22. Comcast provides a Dark Fiber connection between all Town buildings, which used to terminate at the Elementary School. This I-net, which is hosted by Comcast, is provided under the current Comcast Agreement. With the new Fire Station being constructed the Town made the decision to move the Town's Network Core equipment out of the Elementary School and host it at the Fire Station. The primary reason being the Fire Station has 24/7 redundant power. The Town will continue using the Comcast I-net service as the connection between the Town buildings.

One last note, the cable TV landscape is changing due to rising fees and competition with satellite networks, streaming video from the Internet, and services such as Netflix. People are starting to drop their cable subscriptions in lieu of these other choices. Also, there is a movement toward a la carte channel selection as they have in Canada. These are some of the issues we will be dealing with in the next contract negotiations with Comcast. This could mean less revenue coming back to the Town to support the aforementioned services. The Committee will do its best to keep you apprised of these and other cable TV issues as we move forward.

**Respectfully submitted,
Huntley Harrison, Chairman**

Cape Cod Regional Technical High School District

Cape Cod Regional Technical High School will provide an opportunity to acquire high quality technical, academic, and social skills preparing our students for success in our changing world.

Cape Cod Regional Technical High School (CCRTHS) was established in 1973 as a public technical high school. The CCRTHS district draws students from 12 towns extending from Mashpee to Provincetown. For our

school year 2015-2016, we had 618 students enrolled in 17 different technical programs with an operating budget of \$14,532,300.

The town of Chatham had 11 students enrolled at CCRTHS as of October 1, 2015. The assessment for Chatham in FY16 was \$309,122, (based on previous October 1 enrollment.)

Highlights from Cape Cod Tech 2015-16 School Year

Cape Cod Regional Technical High School District's application for assistance from the Massachusetts School Building Authority for a new or renovated school building was accepted. Significant progress made during this school year: a school building committee was established, the owners project manager hired, an architect firm hired, and a project schedule established. For more information go to: <http://www.capetech.us/domain/50>

- Graduated 145 seniors in June 2016, three (3) from Chatham.
- CCRTHS students meet the same academic standards required by the state as our sending schools.
- Improved public and community relations by servicing community members in our shops at the school allowing communities to realize significant savings in labor charges.
- Forty students received John and Abigail Adams Scholarships, two (2) from Chatham.
- Seventy-two students were inducted to the National Technical Honor Society, one (1) from Chatham.
- At the SkillsUSA State level competition, 53 students attended of which 12 students won medals. From the state competition, eight students qualified for the National Skills and Leadership competition.
- At the SkillsUSA District level competition, 45 students attended of which nine (9) students medaled. Medals won: Information Technology, Marine Service Technology, Culinary Arts and Teamworks in Carpentry, Electrical, Mason and Plumbing.
- At the Massachusetts 2016 Future Farmers of America (FFA) State Convention, fourteen student awards were received by 9 students; two (2) awards won by one (1) student from Chatham. Awards received: Chapter Exhibit (1st Place), Reporter's Book (1st Place), Floriculture (2nd Place), Power Systems Agriscience Fair (2nd Place), Environmental/Natural Resource Systems Agriscience Fair (3rd Place), Turf Management (3rd Place), State Convention Courtesy Corp Recognition, and FFA Chapter 100% Membership Award.
- Auto Collision had 100% graduation rate of 12th grade students with emphasis to

connect students to industry. Co-operative education placements were increased aiding industry output.

- Auto Technology improved their web-based text book curriculum and used Google Classroom on a daily basis. All 10th, 11th, and 12th graders became certified in SP2 Safety and more than half became ASE certified.
- The Carpentry Department was busy building projects both within the school and in the community from quilt frames for Bayberry Quilters to picnic tables for a district town office. Math skills were improved by demonstrating their use in the trade; reading and writing projects were emphasized in the curriculum.
- In Cosmetology, all eight seniors graduated and are working in full time cosmetology positions with state licenses. All juniors passed their state nail technician exam and OSHA certification.
- Culinary accomplished improved enrollment and student retention within the shop. The program received accreditation from the American Culinary Federation. The Cove Restaurant continues to be open to the public four days per week.
- Dental Assisting implemented initiatives aimed at preparing students for college and career opportunities; as well as upgrading technology and equipment to reflect industry standards. Eight seniors achieved MA Certification in Radiology; all seniors participated in 5-week internships; four juniors took and passed the Dental Assisting National Boards.
- Early Childhood Education increased freshman enrollment by 40% and successfully launched a new screening instrument in their Preschool. Ten students were placed on teaching internships.
- The Electrical Department developed a new exploratory process resulting in full freshman capacity and increased their Co-operative Education placements to 14, their highest rate. A team of 10 students won a silver medal from SkillsUSA District competition in Marlboro, MA.
- The Engineering Technology Shop graduated its first senior class of eight students, seven of which were accepted into college with six pursuing engineering degrees. This shop was awarded a \$165,000 grant for manufacturing equipment and training to support that component of the curriculum. Students created a mechanical-electrical display project for the Cape Cod Museum of Natural History which was filmed by the Cambridge Science Festival.
- Graphic Arts met their goal of providing all assignments, projects and final exams on their department curriculum website, including step-by-step instructions with visual examples and detailed rubrics for each assignment. Many students earned a certificate in advertising design.
- Health Tech increased their enrollment to 66 students, the largest enrollment of all shops; they placed 5 students at internships at Cape Cod Hospital and introduced Principals of Biomedical Science last year as a two-year curriculum; it was completed this year by juniors.
- Horticulture had positive outcomes with students participating in internships, job shadowing and Co-operative Education placements. Four students won state championships at FFA and qualified for nationals and 100% of students participated in FFA activities. Roots and Roses floral shop continued to provide hands-on experiences for students while servicing the public.
- HVAC implemented Google Classroom consistently throughout the school year. They collaborated with two other technical high schools to enhance curriculum. Six of their nine seniors achieved EPA Universal Certification and four participated in Co-operative Education.
- Marine Service Technology has made progress aligning 90% curriculum and instruction unit plans to VTE frameworks. American Boat and Yacht Council (ABYC) standards will be integrated over the next few years. Eleven (11) new freshman enter the shop this year.
- The Information Technology shop implemented curriculum based on new textbooks and simulation software for grades 10, 11 and 12; and restored upper classman mentoring. Five students completed security certification and nine juniors completed Network Pro Certification.
- The Plumbing Department has been blending learning opportunities with the HVAC program. Four females are now with the shop and Co-operative Education placements are on the rise.
- Welding welcomed eight freshmen this year, four girls and four boys. The program enhanced writing skills by creating written response questions as safety with hydraulic equipment.
- One hundred and two qualified students participated in placements for Cooperative Education, Internships and Student Practicums for real-life work experience. Students must maintain grades of C or better in academic classes and B or better in shop and theory classes to be eligible for placement. The Co-Op Office joined with

the Business classes to provide the second annual Student Job Fair for the entire student body which was a great success.

- In Computer/21st Century Learning enhanced curriculum with Web 2.0 Google Classroom was added to all courses enabling student access 24-hours a day with live updated feedback.
- The English Department aligned their curriculum with Common Core and continued to integrate complex test and analysis and synthesis writing into all units.
- The Health classes required active reading and writing within their science curriculum. They developed 9th grade honors biology and rigorous 90-day classes for 11th and 12th grades.
- The Math Department worked collaboratively to modify Unit Plans for implementation of the Standards of Mathematical Practice (SMPs). A Math Lab provided extra support to fifty-nine students as a result of an identified goal to improve utilization of Title I math support.
- The Physical Education Department implemented scope and sequence standards using assessment data with indicators to measure strength and stamina over time. Two week cycles of walking, jogging, fitness training and sports were offered on a rotating basis.
- The Science Department emphasized classroom organization and management along with student paperwork to affect an increase in student production and achievement.
- In Social Studies, Honors Civics and AP World History had fully functioning online components. Over thirty percent of students passed the AP exam in World History.
- The Spanish Department implemented new curriculum in Spanish Levels I and II. Students participated in multicultural events and Latin American music and dance activities.
- Special Education implemented data collection that recorded student achievement and participation in academic they consistently checked grades online and worked with regular education colleagues to improve specific student achievement.
- The Athletic Department developed both a coaches handbook and student-athletic handbook; established seasonal award banquets to recognize student athletes; and set objectives by seasons.

Please visit our website: www.capetech.us for more information.

**Respectfully submitted,
James (Buck) Upson,
Chatham Representative**

Cape Cod Regional Transit Authority

The Cape Cod Regional Transit Authority (CCRTA) has provided in Chatham 16,678 one-way passenger trips from July 2015 through June 2016 (FY16).

CCRTA provided 135 general public clients in Chatham with DART (Dial-a-Ride Transportation) service during FY16. These clients took a total of 2,122 one-way passenger trips during this time period. Total DART passenger trips in the fifteen towns of Cape Cod were 232,437 in FY15 compared to 232,079 in FY16.

CCRTA FY16 records for the Boston Hospital Transportation service indicates 42 Chatham residents took 204 one-way trips on this service.

The fixed route Hyannis to Orleans (H2O) serves the towns of Barnstable, Yarmouth, Dennis, Harwich, Chatham and Orleans along the Route 28 corridors. A total of 14,352 one-way trips originated in Chatham for the H2O route for the period July 2015 through June 2016; total ridership for the H2O route for this period was 173,948.

CCRTA supplied the Chatham Council on Aging with one Mobility Assistance Program (MAP) vehicle that provided 3,907 rides from July 2015 to June 2016.

Route maps, schedules, fares, Google Transit Trip Planner and the latest news about Cape Cod public transportation services are provided at www.capecodrta.org, as well as links to many other transportation resources.

Cape Light Compact

Cape Light Compact is an award-winning energy services organization operated by the 21 towns and two counties on Cape Cod and Martha's Vineyard. The Compact's mission is to serve its 200,000 customers through the delivery of proven energy efficiency programs, effective consumer advocacy, competitive electricity supply and green power options. For more information, visit www.capelightcompact.org.

POWER SUPPLY – *Stability, Security and Green Power Options*

Calendar year 2016 was slightly less volatile than prior years in terms of delivered natural gas prices, which resulted in lower and more stable electricity pricing overall.

The combination of milder-than-expected real-time wholesale electricity prices in the winter of 2014-2015, a relatively warm 2015 fall season, and the continuation of a New England-wide winter reliability program led to lower forward power pricing for the winter of 2015-2016 than the record highs seen in

the 2014-2015 winter. Customers benefitted from this in the form of lower retail electricity prices, and based on these market factors, the Compact made a decision in December 2015 to lock in a rate for twelve months rather than go with the normal six-month pricing. The twelve-month rate was lower than Eversource's January-June Basic Service rate, which helped to mitigate impacts to customers' winter electric bills. This meant that Compact customers saved a cumulative total of approximately \$3.2 million over Basic Service from January through June.

Despite lower and more stable prices this year, New England continues to face electricity pricing challenges associated with the limited pipeline capacity that delivers natural gas to electric generators, which supply over fifty percent of New England's electricity. The pipeline constraint is only an issue for a limited number of hours in the winter, when gas is also used for heating homes, creating a supply shortage and increased pricing for generators, thereby increasing the price for every megawatt hour they produce. Until such time as this issue is addressed, either through additional infrastructure, demand reduction or other targeted programs, the possibility of future high winter pricing remains, and as such, consumers should still expect seasonal pricing fluctuations for the foreseeable future.

The Compact continues to provide power supply to commercial customers through its contract with NextEra Energy Services and to residential customers through ConEdison Solutions. As of November 2016, the Compact had approximately 6,069 electric accounts in the Town of Chatham on its power supply.

CONSUMER ADVOCACY – *Committed to Consumer Interests*

Since 1997, Cape Light Compact has advocated for the ratepayers of Cape Cod and Martha's Vineyard at the local and state level. In 2015, the Compact continued its focus on grid modernization, reviewing the plans submitted by the utilities in August 2015 and beginning to engage stakeholders about the plan and its implications for the energy future of Cape Cod and Martha's Vineyard. The Compact was granted full party status in Eversource's grid modernization plan review docket at the Department of Public Utilities (DPU), meaning the Compact will have the opportunity to take an active role in the adjudicatory review process of the plan. There are several key areas of concern to the Compact and Cape and Vineyard ratepayers, and the Compact will continue to engage our member communities to make sure they have a voice in these important decisions that will

have a major impact on how energy is used and consumed on the Cape and Vineyard.

The Compact was also a participant in the DPU dockets for the proposals that were put forth this year by the state's two main electric distribution companies (EDCs), Eversource and National Grid, to contract for new natural gas pipelines and pass costs on to electric consumers. The EDC's proposed to have the costs of expanding natural gas pipelines paid by electric rate payers through increased distribution charges. The Compact noted that this concept is contrary to the 1997 Massachusetts Restructuring Act. The Compact objected to having electric rate payers fund natural gas pipelines, and supported the position that natural gas pipelines be funded by natural gas customers and natural gas company shareholders. In early FY 17, the Massachusetts Supreme Judicial Court ruled the utilities' proposed funding concept illegal, stating the proposal "would re-expose ratepayers to the very types of risks that the Legislature sought to protect them from when it enacted the restructuring act." This ruling put an end to the concept of electric ratepayers funding natural gas pipelines. As such, while the pipeline constraint issue remains, electric ratepayers are protected from exposure to the financial risks associated with these expensive pipelines.

In November 2016, the Compact learned that Eversource plans to file a rate case for its distribution service territory on Cape Cod and Martha's Vineyard for the first time in nearly twenty years. The Compact plans to petition the DPU for intervention in the case to help ensure that the interests of the ratepayers on Cape Cod and Martha's Vineyard are protected.

The Compact also continues to participate in dockets related to the retail electric market, pushing for policies that promote a competitive power supply market while ensuring common-sense protections for consumers.

ENERGY EFFICIENCY – *Saving Energy and Money*

Please note that this data does not include activity that occurred in December 2016. Please visit www.capelightcompact.org/reports for complete information.

Funding for the energy efficiency programs (i.e. energy audits for homes and businesses, rebates on the purchase of energy efficient appliances and energy education in our schools) comes from a monthly customer "energy conservation" charge (\$0.0025 cents multiplied by the number of kilowatt hours used during the month) and a portion of the "distribution charge" (\$0.01802 for residential customers and \$0.01343 for commercial and industrial customers) that appears on each customer's electric bill.

ENERGY EFFICIENCY – Saving Energy and Money

Jan – Nov 2016	# of Participants	Customer Savings	kWh Saved	Rebates/Incentives Paid to Customers
Low Income	71	\$13,853.00	69,265	\$49,449.90
Residential	469	\$83,729.40	418,647	\$315,860.23
Commercial	47	\$84,462.40	422,312	\$224,727.79
Total	587	\$182,044.80	910,224	\$590,037.92

Other Cape Light Compact Efforts Include:

- Cape Cod Flying Circus and the Chatham Municipal Airport received \$17,057 in energy efficiency incentives for efficient lighting and vending controls.
- 2 ENERGY STAR® qualified homes were built in the Town of Chatham.
- Cape Light Compact continues to offer support for energy education to the Monomoy School District through classroom visits, teacher workshops, curriculum and free materials all aligned with the state NGSS and STEM initiatives through the Compact's Energy Education Outreach program. Monomoy Middle and High Schools participated in the Compact's Be Energy Efficient Smart (BEES) program where they learned about energy efficiency science and helped to make their own homes more energy efficient. Monomoy Regional Middle School was recognized by the Compact's education partner, NEED (National Energy Education Development Project) for their efforts in saving energy through recycling and reusing plastic water bottles at their school.

Respectfully submitted,
Peter Cocolis, Chatham Representative

Cape and Vineyard Electric Cooperative

To benefit the rate-payers and member-towns, the Cape & Vineyard Electric Cooperative (CVEC) was created in 2007. Since its creation, CVEC has been successful in its mission by bringing forward price-stabilizing renewable energy installation to Cape Cod and Martha's Vineyard through multiple rounds of photovoltaic (PV) development. CVEC has representatives from most towns on Cape Cod and Martha's Vineyard. In 2010 Chatham joined CVEC with the Chatham Energy Committee's John Scott representing Chatham on CVEC's Board of Directors.

CVEC has three rounds of PV initiatives all operating. CVEC continues to pursue a fourth round. The initial (exploratory) round of about 750 kilowatts of PV was constructed by Con Edison Solutions in 2010. The second PV initiative (Round 1) consisting of about 16 megawatts was constructed by American

Capital Energy in 2011. Round 1 includes an 1,800-kilowatt project at the Chatham Transfer Station's Capped Landfill. This project went into commercial operation in September 2014. In 2012, the Round 2 Initiative awarded over 50 megawatts of PV projects in multiple tiers to Broadway Electrical. Tier 1 of Round 2, consisting of about 20 megawatts of PV, includes 23 kW rooftop PV installations at Chatham's new Police Station and at the Town Office Annex. As of July 2014, these projects are all operating.

The renewable energy facilities that CVEC develops provide substantial savings to CVEC member towns. In the first two years of operation, the PV project at the Chatham's Capped Landfill saved Chatham over \$400,000. Future savings could be more as electric rates rise. The rooftop installations at the Police Station and Town Office Annex are saving the Town over \$8,000 annually. Chatham is also participating as an "Offtaker" and benefitting from other CVEC member towns' installations that have too much power for those towns to utilize. These projects are saving Chatham another \$10,000 (approx.) annually. If Round 3 is implemented, Chatham will have more rooftop installations from which to benefit.

CVEC is continuing its pursuit of renewable energy and, during 2016, a wind generation project in southern Plymouth (Future Generation Wind Project) and a PV project in Dartmouth MA (NexAmp Project) went on-line. Chatham is earning about \$4,000 annually from each of these projects.

Respectfully submitted,
John Scott, Chatham Representative

Cemetery Commission

During 2016, there were 46 burials in Chatham. Additionally there were 3 plots and 11 individual burial lots sold; generating \$4,300 into the Town Lot Fund and \$8,700 into the Perpetual Care Fund.

The Commission continues work on the progress of the Seaside Cemetery Expansion. The expansion project is underway. Speakman Construction is the firm handling the efforts; continual expansion of Seaside and Union Cemeteries will progress jointly in the coming year.

South Chatham Cemetery is having grounds in the front portion of "Block A" re-laid out to allow additional cremation lots, both single and doubles. Flat burial markers will be used for identification.

Cemetery grounds improvement has been continual with dead tree removal & fence repairs. New signage will be posted noting Cemeteries are closed after dark. The Commission is looking to repair several wrought iron fences, throughout all the cemeteries, using a company specializing in iron forging.

Cleaning and repair of older headstones in Seaside & Peoples Cemeteries continues as funding allows.

Columbarium plans are moving forward by formalizing a contract for installation. Completion is expected within the next 6 months.

All Cemetery grounds have been maintained using a contracted company, the continual mowing and grounds maintenance has created well-groomed cemeteries. Cohesion between the Parks & Recreation Department, Highway Department, and the Cemetery Department has also assisted in the maintenance of grounds and tree work.

The Cemetery Commission welcomes new member David Whitcomb. The Commission also thanks Cemetery Clerk Linda Goodspeed for her continual service and cheerful demeanor.

The Cemetery Commission Office, at 221 Crowell Road, is open Wednesday and Friday from 9 am. – 12 noon except on Holidays. The Commission meets on the second Friday of the month at 8:00 am, except on Holidays. The services of the Cemetery Department are available by calling 508-945-5117 or contacting a Commission member.

Respectfully submitted,
George W. Goodspeed Jr., Chairman

Chatham Housing Authority

The Chatham Housing Authority, organized and existing pursuant to Massachusetts General Laws, Chapter 121B, Section 3, is composed of a five-member Board of Commissioners responsible for policy making and general administration of the Authority. The Authority is a quasi-state agency under the direction of the Massachusetts Department of Housing and Community Development.

Four of our Board members are elected by Town voters and the fifth is appointed by the Commonwealth. The seat for the State Appointee has been vacant for the several years and under a new law this seat can be filled by someone appointed by the Selectmen if it is still vacant at the end of January. Bill

Bystrom resigned from the Board in October, we thank him for his years of service. The Authority's staff consists of an Executive Director, Administrative Assistant, a full-time maintenance employee and a part-time maintenance employee.

Board meetings are held on the third Tuesday of each month at 4 p.m. in the Authority's offices, 240 Crowell Road, Chatham. Additional meetings are called and posted when necessary. Meetings are open to the public. The annual meeting and election of officers is held at the regular meeting in September.

Core Authority Programs

These are the State programs that are run by the Authority:

- The Anchorage: elderly/disabled housing (40 apartments)
- Captain Bearse Congregate House: elderly housing (17 apartments)
- Captain's Landing: Family Housing (12 apartments)
- A Group Home leased to Dept. of Mental Health and a Group Home leased to Fellowship Health Resources, Inc.
- Massachusetts Rental Voucher Program (MRVP): We administer 11 MRVP's

These are the Town programs that are run by the Authority:

- CHOP Houses: The Authority is the Resale Agency for the CHOP (Chatham Home Ownership Program) houses located off Stony Hill Road.
- MCI Rent Escrow Program: There are four families enrolled in a five year program.
- Rental Assistance Program: This is funded by CPA funds. We currently have 10 families enrolled in the program.
- Harwich Housing Authority: The Authority continues to manage the Harwich Housing Authority, which consists of 20 MRVP's, 12 family units and a group home, as well as several Town programs.

Maintaining and Creating Affordable Housing

Key elements in the Chatham Housing Authority's mission are to "provide affordable, decent, safe, and sanitary housing through the maintenance of our existing units and the development of new units" and "to support residents in their effort to achieve self-sufficiency." We have used the Town's Comprehensive Plan to accomplish its goals which mesh closely with our mission.

The CHA is working with Habitat for Humanity towards the completion of developing four single family homes for first time homeowners at the West Chatham property purchased in the fall 2011.

The Board also wishes to applaud the extraordinary Authority personnel, who not

only are experienced professionals, but caring individuals. We are proud to serve with Executive Director John Stewart, Administrative Assistant Tracy Cannon; Maintenance Supervisor Matt Stone and Mark Pouliot, part-time maintenance staff.

Respectfully submitted,
Alan Mowry, Chairperson
Shirley Smith, Vice Chair/ Treasurer
Irene Van Duyn, Member

Committee for the Disabled

The committee includes: John Raye, George Snider, Robert Lear, Joan Mohr, Ragnhild Munck, Jill Homes, and our Town support person Kristen Caruso. I wish to take this opportunity to thank them for their active work and enthusiasm.

We are in the final stages of gathering the information necessary to produce the 2017 version of Accessible Chatham. There have been many changes throughout Town with new restaurants opening, some closing or changing their names, along with new businesses. The last edition in 2015 was well received. However, based on the number distributed, we will likely print fewer.

Our attention to sidewalks and crosswalks has begun bearing fruit as the Town focuses on its long-term side walk plans. The addition of a crosswalk, with accessible sides, at Lighthouse Beach is a good recent example of this progress. There are still places, in which curbs inhibit wheelchair access, however these are being addressed. The completion of a Town drop off spot for the Orpheum Theatre is another step forward providing ADA access to the theatre without reducing parking spaces.

One of the more pleasing experiences for our Committee was the opportunity for the Chatham Committee for the Disabled, in cooperation with the Dennis Committee, to give a presentation to the Monomoy Middle School students on Monday, November 7, 2016. Among the disabilities discussed were: autism, Asperger syndrome, dyslexia, spinal injuries, blindness and the effects of polio. Each presenter shared personal experiences in such a manner as to teach the students that these disabilities did not need to limit their success. Roughly 400 middle-schoolers, in two sessions, proved to be an attentive audience, listening respectfully and interacting during the following discussion periods. Special thanks are due to Greth Kaesela, a member of the Dennis Advisory on Disabilities Committee, for organizing and participating in this presentation. Chatham participants were, John Raye, Joan Mohr and

George Snider and John Poignand, Chair of the Committee. It was particularly pleasing to me when two children approached me at the end of the first session, thanking me for talking about dyslexia. Both are dyslexic. I had the pleasure of telling them that dyslexia often occurs in really bright children. Sergeant Massy spoke to the issue of bullying. He's obviously well known by the children with whom he has a great rapport. The children applauded as soon as he appeared. He had a very meaningful discussion with the kids.

The principal found the program to be very useful and has suggested that it be run every year.

I believe that this will be my last year as Chairman as my term is up in 2017. I'm saddened to have not been able to accomplish all that we set out to, including accessible benches with backs. However, I believe the Town has become more aware of the issue of disabilities, along with associated issues affecting our aging population. More will be done in the years to come.

Respectfully submitted,
John Poignand, Chairman

Community Development Department

The Chatham Department of Community Development's mission is to ensure courteous, consistent, dependable and trustworthy public service in four primary areas: building/inspectional services, planning, zoning, and historic preservation. In carrying out this mission, the Department also supports various Town Boards, Commissions, and Committees including:

- Planning Board
- Zoning Board of Appeals
- Historic Commission
- Historic Business District Commission
- Affordable Housing Committee
- Bikeway Committee
- Committee for the Disabled
- Economic Development Committee

The Department strives to enhance the Town's long term planning efforts while streamlining permitting and enhancing the efficiency of inspectional services.

Building/Inspectional Services

The volume of construction activity in Town continues to increase; although at a slower pace than between 2012 and 2015. In 2016, 882 building permits were issued, a 5% increase over the number issued in 2015 (838). The number of permits issued for new dwelling units dropped to 37 as compared to 49 in 2015 and 48 in 2014. Residential renovations and additions continue to be the dominate

type of construction with 755 permits issued in 2016, a 7% increase over 2015. After rising from just under \$63,000 in 2015, the average value of a residential renovation-addition dropped to \$43,350 in 2016. A total of 52 permits were issued for renovations and/or additions to commercial buildings with eleven (11) new commercial building permits issued in 2016. The number of permits for the demolition of existing residential structures nearly doubled in 2014 to a total of 45 as compared to 25 in 2013, with 24 demolitions permits issued in 2016. A total of 980 plumbing and gas permits were issued in 2016 and 829 electrical permits. Revenue in 2016 from building, gas, plumbing and wiring permits was \$494,868.47.

In July 2013, the Department implemented the first phase of a new e-permitting program which has streamlined the building permit and inspections processes. This software has been fully implemented internally and in the field by the inspectional staff. The next phase, which allows homeowners, contractors and builders to track permitting activities on-line, is currently being tested and expected to be available through the Town's website in early 2017.

Planning, Zoning and Historic Preservation

Many of the Town's planning, zoning and historic preservation activities are overseen by or the responsibility of one of four boards or commissions. These are: the Historical Commission, Historic Business District Commission, Planning Board and Zoning Board of Appeals. Collectively, these four boards/commissions held 91 meetings in 2016, the majority of which were attended by Department staff who also provided support in advance of and following the meetings. Revenue generated from applications submitted to these boards was \$29,395. An additional \$987.15 in revenue was collected in copying fees and \$1,850 in sign permit fees.

Two public hearings were held in 2016 in coordination with the Town's Tree Warden to review proposed tree removals along designated scenic roads. Through Town Meeting action in 1974, 1986 and 1987 a total of 39 roads (or portions of roads) in Chatham have been designated scenic roads under the provisions of Massachusetts General Law, Chapter 40, Section 15c. Public hearings are required prior to paving, repair, reconstruction and/or maintenance of a scenic road if this work involves the removal and/or cutting of trees or tearing down or destruction of stone walls. The hearings held were related to the proposed removal of trees on Barcliff Avenue and Champlain Road.

During 2016, the Department also completed several initiatives in cooperation

with the Boards, Commissions and advisory Committees supported by the Department, including:

- Adoption of six zoning bylaw amendments sponsored by the Planning Board at the 2016 Annual Town Meeting. Three implemented land use changes along Route 28 called for in the Long Range Comprehensive Plan. The other three amendments implemented changes to foster equitable mitigation of flood hazards while also addressing community desires to limit the height of dwellings along the coast.
- Amendment at the 2016 Annual Town Meeting of Chapter 158, Historic Preservation, of the Town's General Bylaw, clarifying the Commission's jurisdiction over the loss of historic materials when an addition is proposed to a historic structure.
- Completion of the five year update of the Town's Hazard Mitigation Plan, ensuring the Town of access to State and Federal funds for mitigation projects, and completion of the five year audit of the Town's participation in the National Flood Insurance Program's Community Rating System, providing property owners in the flood plain with a 10% discount on federal flood insurance premiums.
- Successful completion of the five year audit of the Town's participation in the National Flood Insurance Program's Community Rating System, ensuring property owners of at least a 10% discount on flood insurance rates for the next five years.
- Development of a shared tracking system and GIS map layer for residences on the Town's Reassurance and Special Assistance Lists, locating structure exterior vents for use by emergency response personnel.
- The GIS program, based in the Department, continues to support the Town's expanded use of web based applications such as MapsOnline and PeopleForms to enhance the transparency and efficiency of Town services. This work routinely involves collaborating with and supporting the work of other departments including but not limited to:
 - Fire Department
 - Police Department
 - Natural Resources Department
 - Department of Public Works
 - Town Clerk and Town Assessors

Finally, we'd like to express our gratitude to the volunteers who serve on the Boards, Commissions and Committees the Department supports for their commitment to the community.

Respectfully submitted,
Deanna L. Ruffer, Director
Justin J. Post, Building Commissioner/
Zoning Enforcement Officer

Kathleen Donovan, Principal Planner
Sarah Clark, Central Permitting
Coordinator
Kristen Caruso, GIS Planner
Michele Clarke, Office Manager
Christina Bassett,
Inspections Division Secretary
Jeffrey Chandler, Local Building Inspector
Eric Olkkola, First Alternate,
Plumbing and Gas Inspector
George McManus, Wiring Inspector

Community Preservation Committee

The Community Preservation Act (CPA) was signed into Massachusetts law in 2000 and adopted in Chatham in 2002. The CPA creates a 3% surcharge on real estate taxes which produces a local Community Preservation Fund. Money in this fund can be spent, only by Town Meeting vote, for specific types of projects:

- Acquisition, creation or preservation of open space;
- Acquisition, preservation, rehabilitation or restoration of historic resources;
- Acquisition, creation, preservation or support of community housing;
- Acquisition, creation, preservation, rehabilitation or restoration of land for recreational purposes.

Local receipts are matched by the State with funds raised through fees from the Registry of Deeds, and, at the discretion of the Legislature, through transfer from the State consolidated budget surplus. In November 2016 we received a match of 24.4% of the amount raised locally. The total approved funds for 2016 grants were \$1,064,685.

The Act requires that at least 10% of the funds raised in each fiscal year be spent or reserved for each of open space, historic preservation and community housing. The remaining 70% of CPA funds each year are available for any of the four CPA purposes.

Any individual, non-profit group, or Town entity may apply for funds. Applicants meet with the Community Preservation Committee (CPC). After reviewing applications, the Committee makes recommendations to Town Meeting, which votes to appropriate or reserve specific funds.

In 2016, 11 project applications were recommended by the CPC, all of which were approved by Town Meeting. The Annual Town Meeting approved: \$150,000 for the Chatham Rental Voucher Program; \$83,166 for the Restoration of Mayo House; \$6,000 for the South Chatham Playground; \$35,000 for Re-establishment /Improvement of Seaside Links Golf Course; \$23,919 for Main Street, West

Chatham Community Housing; \$112,000 for Chatham Housing Emergency Loan Program; \$65,600 for Construction of ADA Access Trail to Sylvan Gardens; \$25,000 Historic Preservation, The Caleb Nickerson House; \$23,000 St Martin's Masonic Lodge Roof; \$226,000 First United Methodist Church Exterior Renovation Project; \$200,000 Affordable Housing Trust Fund. \$15,000 was appropriated for administrative expense. By statute \$100,000 was set aside in the Open Space Reserve fund.

The makeup of the CPC is determined by State statute and local authorization. Chatham's CPC has nine members appointed by the Board of Selectmen. Seven are drawn from existing Town bodies (Conservation Commission, Historical Commission, Housing Authority, Planning Board, Affordable Housing Committee, Land Bank/Open Space Committee and Parks & Recreation Commission.) Two members are appointed from the citizenry at-large. The CPC met eleven times in 2016.

Respectfully submitted,
Dr. Michael Tompsett, Chair,
Conservation Commission
Victor Di Cristina, Vice-Chair, Land Bank/
Open Space Committee
Jane Moffett, Clerk, Historical
Commission
Deborah Aikman, At-Large
Bruce Beane, Affordable Housing
Committee
Robert Dubis, Planning Board
Alan Mowry, Chatham Housing Authority
Ira Seldin, Parks and Recreation
Commission
Richard Stenberg, At-Large

Conservation Commission

All of Chatham's coastal and inland water bodies and its coastal flood plain are subject to protection under Massachusetts Wetlands Protection Act (MGL CH 131, s. 40) and the Chatham Wetlands Protection Bylaw (Chapter 272). The primary responsibility of the Conservation Commission is to administer these statutes while assisting individuals toward compliance with the State and local wetlands laws and regulations as they seek to manage their properties. With the documented rise in sea level in Pleasant Bay and the increased severity of storm events affecting the Chatham shoreline, the Commission faces significant challenges in implementing the regulations, understanding the coastal dynamics and protecting the shoreline.

Commission Meetings and Result. The Commission meets on the first four Wednesdays of each month: the second and fourth Wednesday we hold public hearings on proj-

ects proposed within our jurisdiction; and on the alternative Wednesdays we hold 'working sessions' at which the Commission reviews Orders of Conditions for approval or denial of proposed projects and conducts any other pertinent business. In preparation for each meeting the Commission members visit each project site in order to have a full understanding of the property. In the last 12 months the Commission reviewed and acted upon, 76 Notice of Intents (NOIs), 35 Requests for Determination of Applicability, 17 Amendments to Orders of Condition, and 102 Administrative Reviews for a total of 230 applications processed. Revenue from these applications was approximately \$34,695.50. An NOI denial by the Commission was appealed by the applicant to the Department of Environmental Protection and is currently being reviewed by an Administrative Magistrate. In addition, there are 2 appeals from previous years still under review.

Violations. As a regulatory body, the Commission must occasionally deliberate on violations of the wetland regulations. The Commission reviewed 8 violations in the last 12 months. Generally, violations result from unauthorized activity in the resource area. Where appropriate, the violators were required to restore the areas to a natural state with native vegetation and, in some cases, to pay fines. Nine fines were issued totaling \$2,700 (although all were waived during negotiation during a work session). Researching the violation and the follow-up enforcement is very time intensive for the Conservation Agent.

Membership. During the last 12 months, two Commissioners resigned, one Commissioner was re-appointed to a second 3 year term and one Associate Commissioner was appointed to Commissioner for a 3 year term. One new member of the community was appointed as an Associate Commissioner. Currently, one Commissioner Position and two Associate Commissioner positions remain unfilled.

Staff. The Commission continues to be very fortunate to have outstanding services from secretary Mary Fougere. She is the day-to-day public face of the Conservation Office, and we are grateful for her patience and professionalism. As in years past, the volume of work requires support from at least one and a half agents which is the approved staff level. However, for most of 2016 the Commission had only one part-time conservation agent and for the remaining months only one newly assigned full-time agent. We hope 2017 provides a more stable and knowledgeable staffing profile.

Organizational Improvements. The current Commissioners are interested in making

the Conservation Commission become more effective and efficient in conducting its duties. The goal is to identify actions which we can implement to help the Commissioners and the agents accomplish our tasks better. Our focus is to improve the way we perform by looking at the following:

- 1.) People - the roles, responsibilities, and support required.
- 2.) Process - how we conduct hearings, reviews, monitoring of required activities.
- 3.) Technology - Implementing technology that supports and speeds up our efforts.
- 4.) Documentation - the management and maintenance of documents and legal records.

In August we started a spreadsheet to track all on-going items we would like to address in regards to organizational improvements. Two of the biggest challenges for the agent and the Commissioners are:

The lack of digital files to access Notice of Intents and Order of Conditions on-line. The monitoring of yearly activities required to be performed by an applicant as mandated by either an Order of Conditions or an Enforcement Order.

Having made repeated requests over the last 2 years, the Commission has been unable to get Town staff to address the Commission's urgent need to move to a digital solution for record keeping and distribution. Simply accepting one print copy (rather than 14) with a PDF file for all Notices of Intent, Requests for Determination, and Administrative Review applications would save applicants hundreds of dollars, reduce paper consumption by 1,300%, reduce the volunteer Commissioner's time organizing files by approximately 4 hours per week (2,000 man hours per year for the Commission), and increase immensely the efficiency and project tracking capability of the Commission's two person staff.

We have been and will continue to address all these issues and others throughout the next year.

Respectively submitted,
James "Buck" Upson, Chairman

Council on Aging (COA)

COA Mission Statement: We support Chatham residents age 60 and over with a range of health and wellness, social, educational and outreach programs and services to enhance the quality of their lives. We welcome the support of Chatham residents of all ages to promote our mission through community service and resource development.

Values Statement: Since its inception in 1974, the Chatham COA has worked to unify the community in enriching the lives of our

over 60 population and those who are care-givers. We offer a wide range of programs and services which are health and wellness oriented and which promote congenial, social and educational opportunities. As a dynamic organization the COA must work in these times to meet the evolving needs of Chatham's over 60 population. To that end the COA shall be guided by these core values:

1. We welcome all residents, both those ages 60 and over who are eligible for our services and those of all ages who wish to contribute volunteer service to their community.
2. We affirm the dignity and value of all Chatham residents.
3. We safeguard privacy and confidentiality.
4. We commit to ongoing outreach efforts to identify the needs of at-risk residents age 60 and over, and in partnership with other agencies and resources, arrange for consultation, intervention and referral as needed.
5. We celebrate the contributions of all who partake in and support COA's programs and services.
6. We commit to ongoing research and evaluation to identify new needs and self-assess our effectiveness.

COMMUNITY NEEDS ASSESSMENT

Chatham COA's comprehensive study "The Future of Aging in the Town of Chatham: Chatham Council on Aging Needs Assessment Study" was completed and released to the public in March 2016. Consultant Dr. Kathleen Schatzberg was then engaged to assist with strategic planning utilizing the study and recommendations. Out of this process came a revised COA Mission Statement and Values Statement endorsed by the COA Board of Directors and ratified by the Board of Selectmen. Other actions initiated following the study's release include: an evaluation of the ability of the COA to meet projected service needs together with reviewing the existing facility and consideration of other sites; collaboration with the Cape Cod Regional Transit Authority and regional COAs to develop collaborative transportation solutions and added options; joint COA-Planning Board discussions to begin to address the issues surrounding housing.

PROGRAM AND SERVICE HIGHLIGHTS

COA Programs and Services are detailed at www.chathamcoa.com and in the monthly "Flash" newsletter, free to all subscribers.

Senior Tax Work-off Program: The COA successfully implemented Year 4 of the Senior Tax Work-off program. Eighteen Participants worked 1012 hours and volunteered an additional 74 hours in 9 different departments/divisions, completing projects

not achievable with regular Town staffing. As of 12/31/16, halfway through Year 5 of the program, 14 participants have been placed in 9 Town departments.

Service Offerings: The COA continues to offer assorted health education and screening options including blood pressure; Spring Health Fair; hearing screenings; memory screenings; walking group pre- and post-testing; foot care services; health & wellness programs; legal services; tax preparation services; Medicare Part D Open Enrollment clinics; varied caregiver support options; access to diverse support offerings through referrals; transportation services; computer, tablet and smartphone classes; topic-specific seminars, community education and information sessions.

Social & Recreational Activities: The relationship between physical activity and vitality is well-documented, but recent studies show an increasingly stronger link between social interaction and mental and physical well-being for seniors. To that end, the COA continues to offer a spectrum of choices including: COA Café gourmet lunches and soups to go; Lunch & a Show entertainment; ESCCI congregate lunches; COA Cinema free movies; Men's weekly discussion group; Busy Fingers knitting & needlework; Bridge, Cribbage and Scrabble programs; Women's Wisdom monthly discussion group; free Lending Library, used book sale and low-cost greeting card shop; seasonal performances and themed entertainment.

OUTREACH

Chatham Council on Aging Outreach Coordinators work with seniors in the Chatham community and their families to quickly identify issues and correctly refer their clients to the appropriate helping organizations. Highlights of Outreach work achieved in 2016 are characterized by the following:

- The **Elder Working Group (EWG)**, the Chatham Health Department and Chatham Community Development partnered with the Barnstable County Department of Health and Environment, Nurse Planners, to create the GIS Mapping Project of the Access and Functional Needs Populations for the purposes of medical countermeasure dispensing and community preparedness, in the event of all hazards or public health emergencies. The EWG, Chatham's GIS Coordinator and IT Director created and implemented the Chatham COA Referral PeopleForm. An outgrowth of the now defunct Reaching Elders with Additional Community Help program, this electronic form is now used by Chatham's public safety responders to refer residents to the

COA who they observe to be in need of additional community help and resources.

- Situations requiring Adult Protective Services (APS) reports continue to evolve in complexity and increase in numbers. As mandated reporters the COA Outreach team made APS reports for 12 individuals in 2015. In 2016, APS reports for 24 individuals were made. Individuals may require multiple reports as situations evolve or new information comes to the attention of COA staff.

- **Healthy Food in Motion Mobile Food**

Pantry (HFIM) The COA began working with The Family Pantry of Cape Cod during the summer of 2016 to develop a business plan for a mobile food pantry for the Lower Cape. The distribution takes place at the COA the third Wednesday of each month from noon to 2:30. The HFIM program joins the Pantry to People Program, the Surplus Food Program and transportation to the Lower Cape Outreach Council Pantry at St. Christopher's Church as an additional supplemental food program the Chatham COA offers to Chatham residents.

- **Community Partner Staff Turnover** - The COA Outreach staff has worked to establish collaborative relationships with new care management and protective services staff at Elder Services of CC&I (ESCCI) and the new Public Health Nurse through the VNA of CC.

PROFESSIONAL DEVELOPMENT

The COA Outreach team embraces the ever-increasing complexity of outreach needs through ongoing training in order to meet the needs of the community. In 2016 one or more Outreach and/or COA staff members completed the following: the 19 hour certificate curriculum through the Boston University COA Behavioral Health and Aging Training Program; day training on Interactive Marketing hosted by CIRCA, the regional association under MCOA; Hope Dementia's "Alzheimer's Disease: What You Need To Know" - a free educational program for regional town and community employees; Suicide Prevention Training led by The Samaritans on Cape Cod and the Islands; PS 101: An Overview Of The Massachusetts Elder Protective Services Program, presented by the Executive Office of Elder Affairs in cooperation with Elder Services of CC&I and Massachusetts Councils on Aging this training was presented to a full audience including representatives from Chatham (including COA, Police Department, Fire Department, Health Department, Chatham Housing Authority and Chatham's Public Health Nurse); "Rising Tides: Embracing Population Growth of Older Adults" The Massachusetts Association

tion of Councils on Aging & Senior Center Directors Annual Conference; the region's 4th Annual Behavioral Health Summit: "Milestones of Behavioral Health"; the 19th Annual Dementia & Alzheimer's Awareness Conference "Thinking Outside the Box: Innovative strategies for Alzheimer's Care" presented by Hope Dementia.

THANK YOU

The COA once again owes many thanks to the Friends of Chatham COA. The Friends is a private, non-profit corporation which continues to support the COA tremendously through volunteerism and fundraising efforts. This COA support group further contributes to community outreach and goodwill through the monthly birthday parties which are funded and run by Friends volunteers. The Friends also pay for the COA newsletter postage and provides tuition to Supportive and Medical model Adult Day Programs for clients with demonstrated need while financially supporting many COA programs and other miscellaneous needs not covered by the COA's Town budget.

The COA relies heavily on volunteers to provide help with critical positions such as librarians, dining and kitchen help and blood pressure clinic organizer among others. Thank you to the 45 volunteers who gave over 3200 hours of their time to the Town of Chatham during 2016. The Executive Office of Elder Affairs conservatively estimates the value of this gift to be \$60,000!

BY THE NUMBERS

Category	2016
Total Unduplicated	
Clients/Participants Served	1,344
Outreach	Active Clients: 378
	• Age >85: 134
	• Age 75-84: 121
	• Age 60-74: 113
	• Age <60: 10
Program Attendance	Participants: 1027
	Units of attendance: 10,370
Transportation	Clients: 139
	One-way rides: 4,405
Volunteer Management	Volunteers: 45
	Hours of Service: 3,233

2016 COA Personnel:

Mandi Speakman	Director
Eva Souza	Outreach/Volunteer Coordinator
Stephanie Shea	Outreach Coordinator
Kathy Carucci	Program Coordinator
Nancy Michniewicz	Receptionist
Shawn Grunwald	Secretary

Bus Drivers:

Steve Heffron
Dick Hosmer
Roger Kallstrom
Paul Robinson
Bill Whelan

Respectfully submitted,

Carole DeChristopher, Chairman, COA

Board of Directors

Mandi Speakman

Director, Council on Aging

Cultural Council

The Chatham Cultural Council is part of a network of local councils that serve every city and town in the state. The central agency is the Massachusetts Cultural Council. The local council provides funding for the arts, humanities and interpretive sciences.

The Cultural Council had 26 requests for funding for the year 2016-2017. The Council was able to provide full or partial funding for 23 grantees for a total of \$13,559.

The Mass Cultural Council provided \$4,400 and the Town of Chatham increased the funds in the amount of \$4,000 from the Town budget appropriation under the Community Services Department. The Council raised more than \$2,500 in donations for fiscal year 2016-2017. In August we had a presence at the Festival of the Arts to bring community awareness about the Cultural Council. We handed out rack cards and pens and conducted a raffle which made \$420. In the spring the Council will host a Grantees Reception which will be held at the Creative Arts Center. Past and present grantees are invited to attend.

Field trips and enrichment programs in the Chatham Elementary School and the Monomoy Regional School system are often funded. Teachers apply for the grants knowing that the programs would not ordinarily be funded through the school budget.

News of the applications for grants for 2016-2017 was publicized locally. Grants are completed on-line with guidelines from the Mass Council's website. Aside from grants falling into the category of arts, humanities and interpretive sciences, they must have a public component for the benefit of the community as a whole. Grants must be submitted by October 15 each year and then they are discussed and voted on during the month of December. See a complete list of grants below and on the Mass Council website at www.mass-culture.org.

There are seven volunteer members of the council, each appointed by the Board of Selectmen to serve one or two terms of three years each. The business meetings are held once a month from September through June

and they are open to the public. Paperwork is ever present in order to adhere to State and Town regulations. We provide all of own minutes, correspondence and State required on-line office reporting. We are actively seeking new members.

Tawnya Menesale is our staff liaison and she assists us with our fiscal reporting process. Cory Metters is our liaison to the Board of Selectmen. We are grateful for both of them.

Grant recipients for the year 2016-2017

- Monomoy Alternative Learning
- Chatham Elementary School
- Monomoy Regional Middle School
- Harwich Observatory
- Mass Audubon/Wellfleet Sanctuary
- Rise and Shine
- Academy of Performing Arts
- Roger Tinknell for the Council on Aging
- Chatham Elementary School PTO
- Cape Cod Commercial Fishermen
- Eldredge Library
- The Orpheum Theater
- Atlantic White Shark Conservancy
- Chatham Drama Guild
- Studio 878
- Henry the Juggler Performance
- Creative Art Center
- Cape Cod Chamber Music

Respectfully submitted,

Cecile Maranhas, Co-chairman

Nancy Gothie, Co-chairman

Economic Development Committee

The EDC met thirteen (13) times during 2016. The EDC's efforts during 2016 focused on 2 major topics, 1. enhancing a year round economy and 2. responding to a request from the Board of Selectmen to identify ways the Town can encourage greater age diversity and maintain the youth of the Town. The Committee's efforts also take into consideration the need to balance economic development sustainability with the need to continue to preserve and improve the quality of life in Chatham that we all cherish.

1. One of the challenges to the future economic vitality of Chatham is to surmount difficulties presented by our seasonal economy. It is clear between short-term visitors and second-home owners, tourism is crucial to the economic health of the Town. Recognizing this, in March the EDC forwarded a white paper to the Board of Selectmen encouraging the Board to proactively work to foster the establishment and growth of shoulder season events such as Oktoberfest and the initiatives under development by groups such as the

Chatham Shellfish Advisory Committee that is working to brand and promote Chatham shellfish, and the Shark Center that has opened a center on Orleans Road and is working to increase educational awareness about sharks and their natural environment.

- The EDC has specifically identified the main diversity issue to be the exodus of and inability to retain or attract 18-44 year old adults to the Town of Chatham. While Chatham is not alone in struggling to attract and retain young adults, after researching Cape statistics and analyzing employment and cost of living data, the EDC identified opportunities to mitigate the high cost of living for young adults and their families. Specifically, the EDC identified childcare as the largest cost of living component, outside of housing, for young families. With an estimated twenty to twenty-five percent (20-25%) of Chatham families seeking financial assistance for childcare, the EDC views childcare as an issue for which the Town can rapidly develop solutions that would have an immediate and significant positive impact on the critical 18-44 year old demographic. In December, the EDC forwarded a white paper to the Board of Selectmen outlining some of the actions the Board could take to aid in reducing this critical cost of living burden for Chatham families.

These are example of the types of issues the EDC is tackling to strengthen and grow Chatham's economy. The EDC welcomes broad participation in their efforts and looks forward to continuing to work closely with the Board of Selectmen and other Town boards, commissions, and committees to ensure the long term sustainability and growth of Chatham's economy.

The EDC continues to maintain the fiscal position to not support taxation or fees as a source of revenue generation in the absence of the demonstration of specifically enumerated financial need.

Respectfully submitted,
Economic Development Committee
Luther Bates, Chairman

Eldredge Public Library

In Fiscal Year 2016 we were very busy! By the numbers: 129,895 Library items circulated this year, an increase of 7.5%. E-book circulation continued to grow at a rapid rate, increasing this year by 38.4%, as more people become aware of the free e-book collections offered by the State in addition to the ones available through CLAMS.

Despite the increases in e-book circulation

and other electronic resources, I'm happy to report that reading books has also gone up by 10%; in the Children's and Teen Rooms, the increase in book reading was more than 15%. That is my favorite statistic of all!

We've been busier in just about every way. The number of people making visits to the Library increased 5.3%. The number of programs we presented to people of all ages rose to 793 for the year, and the number of people attending them rose to 15,755, up by 25% over last year.

We have Library cards on file for a total of 10,906 people. And, for the 8th time, the Library Journal study honored the Eldredge with four stars, rating it one of the best libraries in the country.

The Friends' dedicated group of volunteers were busy all year, manning the circulation desk, mending books, arranging for programs, Learning Series classes, refreshments and seasonal décor, and running their ongoing book sale. A popular event this year was "Books in Bloom", a creative fundraiser that brought more than a hundred people to the Library. The Friends provided us with a new, non-leaking book drop for the parking lot, and replaced our ancient disc-polishing machine that keeps our DVD and CD collections in good working order, and made sure that we could provide the programs in Youth Services that encourage and support our literacy efforts. Their contributions are many, large and small, that make the Library what it is. Sincere thanks to all our wonderful Friends of the Library!

As we begin FY2017 we are happy to welcome a new Trustee to the Library Board: Carol Garey, a former Friends of the Library Board member. We will very much miss Bruce Wood who has retired from the Board of Trustees after many years of service. Samuel Rome, who recently received his Master's Degree in Library and Information Sciences joined the staff in October 2015, and has played a tremendous part in providing our ever-growing services.

Our dedicated and knowledgeable staff is truly creative, helpful, and more, and I thank them for all that they do! We all look forward to the challenges and opportunities in store at the Eldredge Public Library in Fiscal Year 2017!

Respectfully submitted,
Irene B. Gillies, Director

Library Trustees for Fiscal Year 2017

President:	Joseph Gagliano
Vice President:	Gay Murdock
Treasurer:	Sally Stratman
Clerk:	Nick Harris
Assistant Treasurer:	Alan Sachtleben

Members

Stephanie Bartlett	Carol Garey
Alice Popkin	Daniel Brown
Robert Lear	Peter Saunders
Kay DeFord	Carol Odell
David Wister	Susan Eldredge

CIRCULATION

Books	64,652
Magazines	548
Audio: CDs, Playaways	8,854
Video - DVDs	25,540
Audio Downloads	3,676
E-Books	8,909
Miscellaneous	1,554
Total onsite loans:	113,733

Inter-Library Loans:Received	(16,072) *
	included above
Loaned	16,162
TOTAL CIRCULATION:	129,895

Circulation Breakdown

To Chatham Residents	90,271
To Other Massachusetts Residents	28,646
To Out-of-State Residents	10,978

Additions

New Books	3,149
New Compact Discs	404
New DVDs	495
New Playaways	21
New Videogames	26
New Ebooks	10,649

(in the CLAMS system)

Emergency Management

The winter of 2016 was much less active than the previous winter that had impacted Chatham in January and February of 2015 with heavy snowfall, strong winds, and coastal flooding that resulted in numerous power outages and property damage. The 2016 hurricane season was also uneventful for Chatham, but Chatham officials did keep a watchful eye on hurricanes and tropical storms that affected the Atlantic coast south of North Carolina.

The Chatham Emergency Management Director, several Town department managers and other Town personnel attended various MEMA training classes and seminars over the course of the year. The classes attended by one or more Chatham personnel include, Operational Level Response to HazMat/WMD Incidents, MEMA-Hurricane Evacuation Study, BCREPC tabletop exercise w/ Mass Maritime, MEMA Hurricane Preparedness Conference and ICS-402/ICS Overview for Executives/Senior Officials.

In November 2016, the Chatham Emergency Management applied for the FEMA/MEMA 2016 EMPG Grant to purchase a

new desk-top/PC computer for the Chatham Emergency Operations Center (EOC). The new PC will replace the current 10 year old computer and will have increased memory with updated software. The grant application in the amount of \$2,460 is pending final FEMA/MEMA approval.

In 2016, Chatham Emergency Management continued to partner with Chatham Council on Aging (COA) by promoting and maintaining the Emergency Management Special Assistance Program. The Special Assistance Program has been developed for persons of all ages requiring special assistance in the event of a major storm, long term power outage or other emergency that affects Chatham.

Also in 2016, the Chatham Emergency Outreach database was developed in a collaborative effort by the Chatham Health Dept., COA, Police and Fire Departments, Chatham Housing Authority, Chatham Emergency Management, Chatham GIS Planner, Chatham Building Inspector, and Barnstable County Department of Health & Environment. The Chatham Emergency Outreach database enables the COA, Health Department and Public Safety departments to access information that is needed provide services in the event of a public health or public safety emergency.

The 2016 Multi-Hazard Mitigation Plan update process was started by the Chatham Community Development Planner. Several Mitigation Plan working group meetings were held with the Chatham Emergency Management Director, Chatham Coastal Resources Director, Chatham DPW Director, Chatham Harbormaster and Cally Harper, Cape Cod Commission Planner.

The Town of Chatham maintains a strong working relationship with the Barnstable County Regional Emergency Planning Committee (BCREPC) and Massachusetts Emergency Management Agency (MEMA). The Chatham Emergency Management Director/Deputy Police Chief John Cauble administers the overall day to day operations of Chatham Emergency Management and the Town's Emergency Operations Center.

The Emergency Management Director is an active participant in the Barnstable County Regional Emergency Planning Committee and MEMA Region II, attending all monthly meetings, training sessions, operational drills, and taking part in planning and operations for the BCREPC Regional Shelter Program.

**Respectfully submitted,
Dep. Ch. John Cauble**

Energy Committee

The five member Chatham Energy Committee (CEC) meets monthly. The CEC's role is to consider all aspects of Chatham's use of energy, as well as promote economy, efficiency and conservation. With the guidelines of the Committee-prepared "Town Energy and Resource Conservation Policy", the CEC continues to promote new and existing energy initiatives in Chatham. In 2016, the CEC helped co-host (with the Harwich Energy Committee) an Energy & Sustainability Fair at the Harwich Community Center.

The CEC continues to pursue many of the Green Community Act's criteria, including developing energy policy, municipal building audits for conservation, using energy management software to track monthly gas and electricity use, and discussing "stretch" building codes with local builders. The CEC's priority during 2016 focused on several matters, including working with the Cape and Vineyards Electric Cooperative (CVEC) and the Cape Light Compact in developing renewable energy facilities in Chatham; promoting CLC's energy-saving programs; and helping Chatham benefit from CVEC's involvement with off-Cape renewable energy projects. These include a wind generation project in Plymouth and a solar project in Dartmouth, MA. Chatham is financially benefitting from both facilities.

John Scott is Chatham's representative on the Board of Directors of CVEC. CVEC promotes and builds renewable energy generation facilities. The facilities also provide electricity and financial benefits to CVEC member towns. Through CVEC, Chatham has three solar generation projects: the Chatham Landfill Project and two rooftop projects at the Police Station and the Town Hall Annex. These three projects saved Chatham over \$450,000 in their first two years of operation.

CEC past member, Peter Cocolis, is Chatham's representative on the Board of the Cape Light Compact (CLC). CLC is funded largely by a small surcharge on electric bills. It competitively negotiates residential and municipal electricity rates, offers free energy audits, and provides grants to fund energy efficiency and conservation projects to all Cape residents, businesses and municipalities. During 2016, the CEC promoted the CLC free energy audits so that more Town residents and businesses can benefit from the program. In 2014 CLC replaced all 560 Chatham streetlights with far more efficient LED lights, at no cost to the Town. This is annually saving Chatham more than \$20,000 in electricity costs and an additional annual savings of about \$8,000 in maintenance

costs. Most other exterior lighting of Town property is now also LEDs. In December, CLC negotiated competitive electric rates for 2017 (all of the electricity is from renewable energy sources).

**Respectfully submitted,
John H. Scott, Chairperson**

Finance Committee

The Town Moderator appoints the nine-member Finance Committee for three-year terms. As required by the Town Charter and By-Laws, the Finance Committee is to (i) consider the detailed expenditures for each Town department and agency, (ii) make budget recommendations to the Board of Selectmen and (iii) to report to Town Meeting its recommendations on each article in the Warrant, regardless of whether the article is related to the budget. Under authority granted by Massachusetts General Laws, the Finance Committee also "shall consider any or all municipal questions for the purpose of making reports or recommendations to the town...." The Finance Committee is dedicated to serving in the interest of the Chatham voter.

Budget items which generated major discussions this year included (i) water usage and water-related capital projects (including a \$3.5 million funding increase for the completion of an expanded iron and manganese treatment facility for the Water Department, and the continued installation of an automated water meter reading system); (ii) debt service levels (as total debt will continue to be high in the near term due to infrastructure projects); (iii) coastal resources acquisition, development and maintenance (with respect to the fish pier, 90 Bridge Street and 3 Champlain Road) and (iv) the continued growth of personnel costs, including health and retirement costs.

From a financial perspective, the tax rate for fiscal 2017 rose by 0.2%. While the increase in the tax rate was minimized due to an increase in assessed property values of 3.79% (valuing all property in Town at over \$6.4 billion), this does not necessarily reduce the tax bill for property owners. Municipal and school operating expenses increased by approximately 3.9%.

The Town of Chatham benefits enormously from the valuation of the properties in Town, and everything which underlies those values, resulting in the lowest tax rate on the Cape. The Town has been engaged in a near decade-long asset replacement cycle, with new quarters for the Police and Fire Departments, the Annex, new waterfront assets and a community center, as well as the continued development of water and wastewater facilities.

ties. Nevertheless, there remains important work to be done, and important decisions to be made – on topics including, but not limited to, the home of the Council on Aging, the Fish Pier and other waterfront assets, and the Town's obligation for other post-employment benefits (OPEB) due to former Town employees. It is imperative that the Town carefully consider the implications of these decisions, both financially and otherwise, and continue to search for, and implement, operational efficiencies going forward – all to be effective stewards of the taxpayers' funds.

The Finance Committee will continue to work with the Board of Selectmen, Town staff, committees and Town Meeting voters on behalf of the taxpayers of Chatham, and to offer an independent voice in making recommendations to Town Meeting. Leaving the Committee in 2016 were Ken Sommer and John Crea and both the Committee and the Town thank them for their years of service and leadership. The Committee welcomed two new members, Barbara Matteson and John Pappalardo.

**Respectfully submitted,
Stephen S. Daniel, Chairman**

Fire/Rescue Department

It is my pleasure to present the 2016 Annual report of the Chatham Fire Rescue Department. The Department is dedicated to providing the highest quality of service possible to our community. We are committed to meeting the needs of the community by providing fire protection, emergency medical service, hazardous materials response, ice rescue, technical rescue, public education, fire prevention, inspection/code enforcement, and plan review services. The Department's excellent customer service is the result of highly trained and dedicated firefighters/paramedics that take pride in their profession and in serving the community. It is the goal of the Fire Department to provide the highest level of public safety possible to our community.

In 2016, the Fire Department responded to 2,713 incidents and transported 1,045 patients to the hospital. Revenue received in 2016 for ambulance transports, permits, and inspections totaled \$596,628.37.

The Fire Prevention/Inspection Division had a busy year performing plan review of 158 proposed construction projects to ensure compliance with the State fire code. The Fire Inspector conducted 385 code enforcement inspections in commercial and residential buildings and issued 246 permits.

The Department presented several programs on fire prevention, injury prevention, CPR, and AED instructions in the schools and to several people and organizations in the

community. The programs were funded by State grants. The S.A.F.E. grant award funded school programs and the Senior S.A.F.E. grant funded programs for senior citizens.

Over the past two years the Department was awarded over \$425,000 in grants from the Department of Homeland Security to replace breathing apparatus and radios for emergency communication. This year the Department was awarded another Department of Homeland Security grant in the amount of \$500,000 to replace an aging and outdated fire engine pumper. These grant awards removed \$925,000 of needed equipment that would have required funding in the Town's Capital Budget.

The Department's greatest accomplishment this year is the completion of a new fire station constructed on time and under budget. The Department moved into the new fire station on May 23rd. Thank you taxpayers of Chatham for supporting the Fire Department and funding this wonderful state of the art fire station!

As Fire Chief, and on behalf of the firefighters/paramedics, I want to thank the community for its support and positive feedback received throughout the year.

The Chatham Fire Department is always ready to serve our wonderful community!

**Respectfully submitted,
Michael Ambriscoe, Chief**

Golf Advisory Committee

In 2016 the Golf Advisory Committee had Roger Sullivan resign and Gordon Pratt replaced him. Ed Boyce also resigned and interviews are underway to replace him.

The Golf Advisory Committee's proposal to the Community Preservation Committee for funds to support replacement of an artificial grass tee, adding two new senior tees and expanding the irrigation system to cover the rest of the course was supported by the CPC and voted for at Annual Town Meeting. An RFP was written and placed. Two bids were returned, both of which were more than the funds we had available. A second RFP was written and placed asking for a bid on the main work and a separate bid for the potential work items.

The Golf Advisory Committee continues to update and prioritize all potential work projects and options for funding. A second proposal was written and given to the CPC committee for the re-building of one women's tee and one women's/senior's tee as well building a new accessible path from the 8th green to the women's/senior's 9th tee.

Projects that were completed include:

- Re-graveling from the 4th tee to lower level
- Correction of all distances for all holes on the course
- Out of bounds and lateral stakes for all holes on the course as needed
- Dead trees were removed from the 4th cart path
- New tee signs for all tees on the course
- Replacing the broken chain link fence with post and rail fencing on the edge of the course with Chatham Bars Ave.

There continued to be significant improvement in the course quality and numerous comments were made by players and leagues alike. The Committee strongly supports a two-year extension of the contract with Johnson Golf Management as is allowable under the original contract.

The public is invited to view the Golf Advisory Committee meetings which are available on the Channel 18 archives on the Town website.

**Respectfully submitted,
Bruce Bogardus, Chairman**

Herring Warden

Chatham's herring run at Ryder's Cove had another poor year for returning anadromous river herring (Alewife). This continues a disappointing trend for low numbers over the past couple of years. All Commonwealth herring runs remain closed to the taking of herring as mandated by the Massachusetts Division of Marine Fisheries (DMF) due to the reduced population stocks. It is unclear the root cause to the regionally low numbers of returning river herring but some feel the problem is related to the capture of large numbers of river herring as by-catch by commercial purse seine trawlers targeting Atlantic herring off the Cape's coast.

Over the past several years, the Association for the Preservation of Cape Cod (APCC) and Massachusetts Bays National Estuary Program, Cape Cod Region (Mass-Bays) has been sponsoring a volunteer program for herring counts at selected runs to assess trends in river herring stocks throughout the Cape. Chatham's run at Ryder's Cove is relatively small when compared to other runs and 2016 was the first time we participated in the seasonal census. Surveys were conducted at the entrance to Stillwater Pond (570 herring counted) and Lover's Lake (312 herring counted). It is difficult to assess the significance of these numbers based on only one year of data. We hope that this program can continue and that these data will help identify trends in herring stocks across the Cape. Appreciation is extended to all the volunteers who participated in the sampling effort this past year.

I appreciate the help provided by Norman St. Pierre, Dale Trip, and Ted Keon for their generous assistance in the seasonal maintenance of the herring run.

**Respectfully submitted,
Donald St. Pierre, Herring Warden**

Historic Business District Commission

Thank you for the opportunity to inform you of the work completed by the HBDC in its 2016 calendar year.

As of the drafting of this report the HBDC have held 24 meetings in the 2016 calendar year.

To date, 123 applications were reviewed for Certificates of Appropriateness; this in comparison to 116 applications for the previous year.

\$2,630.00 was generated through application fees compared to \$2,340.00 generated in the previous year.

Following the 2015 re-write of the Guidelines and Procedures, the application process has been broken up into three distinct categories; Exemptions, Administrative Approvals and Certificates of Appropriateness. Applications included:

Certificates of Appropriateness:

- 46 Sign applications. (67 applications in the previous year)
- 34 Applications for additions, alterations or new construction. (25 in the previous year)
- 5 Site improvement applications. (12 for the previous year)
- 5 Demolition/relocation applications (0 in the previous year)

Administrative Approvals:

- 18 Administrative Approvals (10 for the previous year)

Exemptions:

- 9 Exemptions (0 for the previous year)

Other Actions/Hearings:

- 5 Pre-applications (2 for the previous year)
- 0 Satisfaction of Conditions for approved Certificates of Appropriateness (5 for the previous year)
- 2 Site Visits (0 for the previous year)

Daniel Sylver was re-elected as Chairman, Darci Sequin as Vice Chair, Theodore P. (Sam) Streibert, as Clerk. Lynn Van Dine remains a regular member. Jackson Smith was appointed to serve as a regular member. Richard Finnegan became the HBDC's First Alternate. At this time, the Commission is absent the second Alternate. Selectperson Seth Taylor is the HBDC's / BOS Liaison. Deanna Ruffer, Director of Community Development is the HBDC/Planning Board Liaison and Sarah Clark is the HBDC's Secretary.

Other notable items include:

The HBDC adopted a protocol for the Building Commissioners to follow when in the Commissioners determination demolition under Section 5 of the enabling legislation is warranted. The Commission also worked in conjunction with the Planning Board on the West Chatham Roadway project. Another notable item was the review and later approval of proposed demolition at the Eldredge Garage property on Main Street. The HBDC participated with the Historical Commission and Historical Society in celebration of Preservation Month. The HBDC's continued support for funding of the preparation of Historic Property and Area Surveys and to that point Lynn Van Dine remained the liaison to the Preservation Awards Committee.

**Respectfully submitted,
Daniel Sylver, Chairman**

Historical Commission

The Historical Commission under the "Demolition Delay Bylaw" hears applications for major renovations or proposed demolition of properties greater than 75 years old. If a property is deemed "Historically Significant" and a compromise cannot be reached, a maximum of 18 month demolition delay can be imposed. The Commission also reviews properties in Chatham's National Register districts (i.e. The Old Village, Marconi-RCA site) and other National Register properties. If the proposed changes are deemed to be a "substantial alteration or complete demolition" of contributing structures in the National Register Districts, or a National Register property, it must be referred to the Cape Cod Commission for review and approval.

In 2016, the Commission heard 27 applications for partial and/or full demolition of historic structures. This compares with 26 applications heard in 2015. Of the 27 applications heard this year, the Commission imposed three demolition delays and did not refer any applications to the Cape Cod Commission. In 2015, the Commission imposed two demolition delays and made no referrals to the Cape Cod Commission. This evidences the successful effort of the Commission in working with applicants toward a compromise.

The vast majority of applications are resolved without imposing a demolition delay or referral to Cape Cod Commission. This continues to suggest that the Demolition Delay By-law is instrumental in preventing the demolition of some historic buildings. It is also the opinion of the members of the Commission that the bylaw provision, continues to be a constructive incentive for owners to

work with the Commission, on a compromise basis, to limit the loss of historic structures.

The Commission has continued its policy of encouraging applicants to informally address the Commission or ask for an informal site visit prior to filing an application. This process has proven to be effective in answering applicants' questions relative to the hearing process and clarifying the jurisdiction of the Commission. Subsequent to these meetings, applicants have often modified their plans so as to minimize areas of potential conflict.

The Commission continues to be engaged in numerous on-going programs and projects including:

- 1) Preservation Consultant, Eric Dray, completed the CPA funded activity of generating/updating of historical surveys of all properties over 75 years old
- 2) Preservation Awards Program, in cooperation with HBDC and Historical Society.
- 3) Interpretive sign program for homes and businesses.
- 4) Active support of the Chatham Windmill Group in cooperation with Parks and Recreation Commission for the operation of the Benjamin Godfrey Gristmill in Chase Park.
- 5) Providing advice and guidance to the community on requests for listing properties on the National Register and the creation of Historic Districts in Chatham.

Continued initiatives of the Commission include:

- 1) coordination and consultation with HBDC and ZBA for historic properties under its jurisdiction;
- 2) review of certain building permit applications for non-contributing buildings in the Historic District;
- 3) review of procedures for monitoring building demolition and renovations to assure compliance with decisions of the Commission, in close cooperation with Community Development staff;
- 4) consultation with Community Preservation Committee on applications requesting funds for historical preservation.

Long serving member, Donald Aikman retired from the Commission and Alternate Stephanie Hamilton was appointed by the Board of Selectmen to full membership. Two regular members were reappointed during the year. Also, Tim Smith and Bob Lear were appointed as Alternates. We continue to seek volunteers to join the Commission as Alternates, to learn the process and be available for full membership when needed.

The Commission is proud of its efforts to recognize, preserve and restore historic buildings in our community. We look forward to

continuing to work with citizens, developers, and municipal departments in our efforts to maintain and enhance the historical character of Chatham.

**Respectfully submitted,
Frank Messina, Chairman**

Human Services Committee

The Town of Chatham's Human Services Committee currently is composed of eight members and has one vacancy. One new member was appointed in 2016.

Committee member Marilyn Sneden resigned in May after completing 20 years of service. The Committee extends its deepest appreciation for her years of dedicated service to Chatham residents.

The members are: Paul Brown, Joanne Donoghue, Cece Motz, Janice O'Connell, Randi Potash, Margaret Stenberg, Ann Wade, and Jack Zilliox. Mandi Speakman served as a non-voting member and Interim Liaison following the departure of staff liaison Gerry Panuczak in September 2016.

The Human Services Committee identifies the human service needs of the Chatham community and promotes solutions that facilitate cooperation and collaboration, affordable and sustainable funding, and coordinated service delivery. In 2016 the Committee reviewed 21 agency requests for funding and the Chatham Child Care Tuition Grant for the Fiscal Year 2018. The number of requests is the same as Fiscal Year 2017.

The Committee has finished its discussions and is recommending a funding request of \$280,903 for Fiscal Year 2018. This figure represents a 3.65% increase over Fiscal Year 2017.

In addition to the work associated with reviews and recommendations for funding requests, the Committee has continued addressing several other issues during 2016 as follows:

- Finalized and distributed Human Services brochure listing all of the agencies funded through the Town.
- Reviewed and updated calendar year 2016 objectives.
- Met with the Director of the Alzheimer's Family Support Center to receive information about the organization, services and support it provides to Chatham and Cape Cod families.
- Met with Monomoy Community Service staff and Board president to review its budget, services, and support provided to Chatham students and families.
- Continued discussions with Monomoy schools and Gosnold regarding substance abuse and crisis intervention resulting in the placement of licensed clinicians in all schools on a weekly basis.

- Met with representatives from Woman of Fishing Families (WOFF) to receive information about the organization, services and support it provides to Chatham and Cape Cod families.
- Planned and held its second networking event on November 10th at the Wayside Inn. The space and refreshments were donated by Mr. Oppenheim and his staff. Invitees included specific funded agencies and representatives from police, fire, schools, clergy and many others. The feedback was very positive and it is likely to be held again in the future.

**Respectfully submitted,
Janice O'Connell, Chairperson**

Independence Day Parade Committee

The Chatham Independence Day Parade held its 121st in 2016.

The total amount of entrants exceeded over 100 for the first time in history, as 2000 people marched in the parade. An estimated crowd of over 25,000 attended making it the largest ever.

The parade was in its second year of extending the route down Crowell Road which will be continued as the route.

Pre-registration was held in days prior to the race, and helped alleviate the need to register on parade day. Broadway performer Eric Riley gave the rendition of the national anthem as the parade began.

**Respectfully submitted,
Brad Schiff, Chairman**

Land Bank Open Space Committee

The Land Bank Open Space Committee (LBOSC) was formed in 1999 for the purpose of acquiring land for open space preservation and passive recreation. The LBOSC continues to seek properties that protect the recharge zones and watersheds of drinking water wellfields, protect wildlife habitats, extend contiguous Town owned conservation properties, and protect scenic views. Strategic purchases that mitigate the consequences of anticipated sea level rise remain a priority.

The LBOSC has facilitated the purchase of more than 143 acres for open space preservation. Bonded debt service continues to limit our current ability to make significant land purchases. However, we continue to leverage our funds for land purchases in collaboration with the Town's Community Preservation Committee (CPC), the private sector's Chatham Conservation Foundation, Inc., State grants, and private neighborhood initiatives.

The Town's Conservation Division has a Land Stewardship Program. Volunteers monitor several Town conservation properties, helping identify property management issues regarding safe public access and the preservation of the conservation values of land bought with LBOSC and CPC funds.

The Friends of Sylvan Gardens, Inc. is a 501 (c)(3) non-profit organization formed to promote public access and to assist the Town in the management of the "Rolf E. Sylvan Garden Conservation Area" – a 9.47 acre property off Old Main Street that is under the supervision of the Chatham Conservation Commission.

Director of Natural Resources Robert Duncanson and Conservation Agent Molly Edson serve as staff liaisons and Dean Nicastro serves as the liaison to the Board of Selectmen. Their wisdom and guidance is greatly appreciated. The LBOSC extends its sincere appreciation to George Cooper who has served ably and well as Chairman from 2012-2016. The LBOSC is indebted to Mark Robinson, Executive Director of The Compact of Cape Cod Conservation Trusts, for his advice and counsel in helping to chart our future as the Land Bank Open Space Committee legislation nears its termination date in 2020.

**Respectfully submitted,
Jack Farrell, Chairman**

Monomoy Regional School District

Monomoy Regional School District is a community of learners of all ages focused on building knowledge, positive character, and resiliency in a safe, supportive, creative, and challenging environment. The following report summarizes many of the happenings during the 2016 calendar year, as the state's newest regional district, in its third year since fully regionalizing.

Our First Graduation "At Home"

June 5th finally found a white tent erected on the expansive grass fields in front of the new Monomoy Regional High School. After a couple of years with displaced graduations off-campus, families and friends arrived to celebrate the commencement of 105 seniors from Monomoy's Class of 2016. Katie Barr was the valedictorian for the second commencement of our new regional high school. Kristen Siegel was the salutatorian. Katie Barr also received the Massachusetts Association of School Superintendents' Certificate of Academic Excellence Award, acknowledging her exemplary grade point average (GPA) and contributions to the school and community.

Strategically Improving Teaching and Learning

At its January 27, 2016 meeting, the Monomoy Regional School Committee formally adopted a Strategic Plan for the district. Within the Strategic Plan are four strategic objectives:

- Develop engaging, appropriately challenging, and interdisciplinary curriculum.
- Strengthen parent and community partnerships in support of student learning.
- Support learners of all ages in a supportive and safe environment.
- Create an inspiring, positive culture that promotes and celebrates achievement.

Within each of the above strategic objectives, strategic initiatives and action steps for accomplishing each over the next three years are identified. The complete Strategic Plan can be viewed on the district's website. During the 2016 calendar year, there were several important curricular initiatives started which were strategically aimed at improving teaching and learning in the district.

Monomoy's mathematics scores on statewide assessments have been lagging behind the district's performance in English Language Arts. To bolster student achievement in math, a Math Program Review Team investigated 21 different K-7 math programs in order to find the optimal program to build the skills necessary to improve students' academic performance, preparedness for statewide exams and readiness for algebra by grade 8. The team enthusiastically recommended implementation of Math in Focus, a math curriculum used in the country of Singapore, which has the best math performance on international assessments. In March, the Review Team presented their recommendation to the School Committee, which ultimately voted to support the implementation of Math in Focus in all Monomoy schools for kindergarten through grade 7. The cost of the program and professional development to support its implementation was built into the district's FY17 budget.

The district also adopted a universal screening tool known as Measures of Academic Progress or MAP. Starting with the 2016-2017 school year, MAP is now used, across grade levels, to proactively intervene with struggling students. This screener is designed to catch learning deficiencies in students and to identify students at-risk. Use of this screen increases the district's ability to support struggling learners with targeted interventions. This computer-based tool is now being used each fall, winter, and spring for both mathematics and English Language Arts to identify struggling (below grade-level) students and connect them with academic

support in these core subject areas. Using MAP testing to identify students needing additional academic support, the Monomoy Regional Middle School developed a daily seminar program, where students receive targeted interventions and/or enrichment based on MAP results.

At Monomoy Regional High School the school's science program received thoughtful curricular updates for the 2016-2017 school year. All of the marine science experiences Monomoy students have from elementary school through middle school, including a week-long stay at the NEED Academy in Truro, now culminate in an interdisciplinary oceanography course taken by all 8th graders at the high school. To improve students' grasp of math and physical sciences, the district has also implemented a physics course for all freshmen and expanded physics (including AP physics) offerings for upperclassmen.

In November, Monomoy Regional High School entered into its first ever exchange with an overseas school. Thirteen students from Colegio Miralba in Vigo, Spain came to the Cape to live with our Monomoy families and experience the language, culture, and beauty of Cape Cod and New England. In the spring, Monomoy students will travel to Spain and live with families from our sister-school.

At the high school's 3rd Annual Breakfast of Excellence in November, students were recognized for high achievements on Advanced Placement exams and on their 10th Grade MCAS tests. Shannen Holbrook was acknowledged for a perfect score on the States Grade 8 Science MCAS. Grace Boyle had a perfect score on her 10th Grade English Language Arts MCAS and Tara Barry a perfect score on her 10th Grade Math MCAS. Based on the high achievement on 2016 ELA, math, and science MCAS exams, 35 Monomoy students, representing over 31% of their cohort, earned John and Abigail Adams Scholarships, which give students a tuition waiver for up to eight semesters of undergraduate education at a Massachusetts state college or university.

Several Monomoy students earned AP Scholar Awards in 2016 for receiving scores of 3 or higher on three or more AP exams. Our AP Scholars were Josh Goodrich, Sarah Gregory, Lauren Handel, Graham Smith, Matthew Hall, Michael Pandiscio, Garrett Sherman and Sarah Simpson. Four Monomoy students were AP Scholars with Honor, receiving an average score of at least 3.25 on all AP exams and having scores of 3 or higher on four or more of these exams. Our AP Scholars with Honor were Ashley Benson, Charles Kiernan, Samantha Morond

and Matthew Neiser. Finally three of our students were recognized as AP Scholars with Distinction for having average AP scores of at least 3.5 on all exams taken and scores of 3 or higher on five or more AP exams. Our AP Scholars with Distinction were Catriona Barr, Grace Fernandes, and Lily Gorman. Of the 4.5 million AP exams taken, Catorina Barr was also recognized for achieving one of only 322 perfect scores, earning every point possible, on an AP subject test. She had one of only four perfect scores in the world on the AP psychology exam.

Monomoy Athletics and Arts

Under the tutelage of Rosemarie Richard, five talented students advanced to the Massachusetts All-State Music Festival – they included soprano Haley Kelsey, altos Isabelle O'Donnell and Sage Barnes, tenor Isaiah Stafford, and bass Christain Pavlakis. Also within the performing arts, our high school ensemble performed The Addams Family musical in the spring and Thornton Wilder's play *Our Town* in the fall. The middle school's spring production of the *Lion King* and fall production of *Makin' It*, a comedy about students' quest for understanding and acceptance as they "make it" through school, offered performing arts opportunities for our middle school students.

The 2016 calendar year found the high school athletic program transitioning between from the South Shore League to the Cape and Islands League for the 2016-2017 academic year. Within the Cape and Islands League, Monomoy hopes to find schools more closely matched in size and geographic location. In football, the school began competing in the Mayflower League since several Cape and Islands League teams do not, as yet, have football programs.

Our winter sports teams found the girls varsity basketball team closing out their membership in the South Shore League with a league championship. Geia Alverio and Christine Friedel were league All Stars. Geia Alverio was the honored with the title of the league's Most Valuable Player. Boys varsity basketball found Chris Mazullis as a South Shore League All Star.

Perhaps the highlight of the spring 2016 athletic season revolved around our varsity softball team's decision to correct an umpire's call. When an umpire ruled a Mashpee hit as a ground rule double, believing the ball bounced before going over the outfield fence, our outfielders knew differently. In a decision that could have cost them the game, they advocated that Mashpee's hit should be a homerun. The honesty and sportsmanship exhibited found the team being honored at Gillette Stadium with the MIAA Sportsman-

ship Moment of the Year Award. Our girls ultimately concluded their varsity softball season as the South Shore League Champions. Taylor Schaub and Emma Thacher were league All Stars, and Emma Thacher won the league's Most Valuable Player award.

Participation in the high school's baseball program has grown to the point where we needed to add the first ever Monomoy freshman baseball. The varsity baseball team's success launched them to the state tournament. The team had four South Shore League All Stars: David Nichols, John Vagenas, Drew Senatore, and Brandon Hamilton.

Girls golf finished 12-2 in the Mass Bay League, were Division 1 South Champions, and finished in third place in the state finals. Jen Keim, Caroline Howard, and Haley Rae were league All Stars, with Jen Keim being named the Boston Globe Division 1 Player of the Year for her ability on the golf course. Coach John Anderson was also awarded the Boston Globe Division 1 Coach of the Year for girls golf.

Girls tennis advanced to the quarterfinals in the MIAA playoffs. Carly Donovan and Oliva Burke were honored as South Shore League All Stars, and Carly Donovan was recognized as the league's Most Valuable Player.

Spring track found the boys qualifying for the state tournament in the 4x800 relay, while the girls qualified for the state tournament in both javelin and discus. Chris Jaques, Tara Barry, and Tori McCormack earned South Shore League honors as track All Stars.

The spring season found both boys and girls lacrosse competing at the junior varsity level for the first time. Our girls competed on a co-op team with Cape Tech, while the school fielded enough boys to have its own junior varsity lacrosse team. Based on the success and growing numbers of participants, both boys and girls will be competing as Monomoy varsity lacrosse teams in the upcoming season.

Girls field hockey found the greatest success of our fall 2016 varsity teams. The team was the Cape and Islands League champions. Hannah Potter, Carlee Tolley, Marina Small, and Colleen Cronin were league All Stars. Hannah Potter was named the league Most Valuable Player and also selected as a Boston Herald All Scholastic.

Cross country received the Team Sportsmanship Award from the Cape and Islands League. Margo Dery, of our girls cross country team and boys Steven Young, Graham Smith, and Tom Graham were Cape and Islands League cross country All Stars.

Francesca Barr and Victoria McCormack were named Cape and Islands League All

Stars for girls varsity soccer, while Sean Spies and Akeem Bucknor earned All Star honors from the league for boys varsity soccer. Boys varsity golf finished in second place in the Cape and Islands League, with Jacob Poitras and Matt Veary earning All Star recognition.

In September, Brendan Case resigned as the district's athletic director, overseeing the athletic programs of both the middle and high schools. He was replaced by Karen Guillemette, who was offered the position of interim athletic director through June 2018.

Monomoy Regional High School Building Project

The calendar year 2016 found the Monomoy Regional High School building project entering its final phase. With the punch-list nearly complete, the remaining items were largely final acceptance of the grass athletic fields in front of the school and fine-tuning of the HVAC rooftop units. The grass fields began to take shape after an inter-municipal agreement was reached, and the district began paying to have the fields maintained by the expert care of the Cranberry Valley Golf Course staff, under the direction of Golf Course Superintendent Shawn Fernandez.

The new Monomoy Regional High School was designed to be an environmentally-friendly, energy efficient and healthy school in which to learn and work. After review and verification of the facility, the school was recognized by the Collaborative for High Performance Schools (CHPS) as a high performance school and earned CHPS Verified Leader status, the highest level of recognition for schools. CHPS provides financial incentives to projects to choose design factors that may be more costly in the short-term but more efficient and cost-saving in the long-term. Earning CHPS certification saved the taxpayers of Harwich and Chatham \$1,077,900, by gaining a greater reimbursement from Massachusetts School Building Authority (MSBA) for the project. In addition, the district received rebates from Cape Light Compact and National Grid for another \$600,000, an amount which is split nearly evenly between the construction project and the Massachusetts School Building Authority, ultimately reducing the borrowing costs for the towns and taxpayers.

Through the Massachusetts School Building Authority (MSBA) Model School Program, Monomoy Regional High School was built by adapting and re-using the successful design of Ashland High School. In July of 2016, the MSBA sought out a new set of schools from which they would recommend other communities look towards as models of design, efficiency, and maintenance. The

new Monomoy Regional High School was selected to be one of a dozen model school designs recommended by the MSBA.

The final piece to round out the Monomoy Regional High School campus is the construction of a concession stand and restroom facility at the artificial turf field. The project has been planned as a "community build," with funds being raised by members of the community and the construction of the building being done by volunteers. During the fall of 2016, the new concession stand building began taking shape. The district would like to thank our volunteer builders, including Jim Nickerson, Eli Nickerson, John Malone, Pat Hawe, Alex Spies, Kenny Moniz, David Wisniewski, John Randall, Eric Ripa, Glen Sherman, Keith Clark and Ed Weil. There remains a significant amount of community support needed to fund completion of the restroom portion of the facility, but when finished this will benefit our communities, athletes, and spectators alike.

Finance and Capital Projects

The FY16 General Fund budget presented to each community's Town Meeting, for the second year of full regionalization, was \$35,012,973, a 12.6% increase over the prior fiscal year. The FY17 General Fund budget was \$36,354,036, a 3.8% increase over FY16. With the borrowing costs for the new high school first hitting the FY16 budget and subsequent assessments to the towns, the hope is that FY17 and beyond will begin a new era of slowed budgetary growth for the school system. Detailed budget information is available on the school district's website and each town's library.

The Monomoy budget is how much it costs to fund the education of children in Harwich and Chatham. The Assessment is how much each town pays to fund the Monomoy Regional School District according to the formula in the district's Regional Agreement. The enrollment of students attending public schools in each town is calculated using a three-year rolling average of the foundation enrollments to determine how much each town pays for Monomoy budget. The Operating Assessment in FY17 was split 73.68% Harwich and 26.32% Chatham. Each town also has a "minimum required contribution," calculated by the State, using the number of school-aged children in the town attending public schools and real estate and income wealth within the town. The FY17 Assessment for Chatham (including debt) was \$8,632,592, a 5.2% increase over the prior fiscal year. The FY17 Assessment for Harwich (including debt) was \$24,058,302, a 5.3% increase over the prior fiscal year.

Monomoy's FY17 budget season found

mutual support from the selectmen and finance committees in both towns. The FY17 budget presented by the Superintendent was a level-staff budget, maintaining programs and staffing within the district.

The FY17 budget process came to an end on Beacon Hill when the Governor signed the budget on July 8, 2016, nearly two months after the Harwich and Chatham Annual Town Meetings. Changes in the final FY17 budget signed by the Governor increased State Aid Chapter 70 funding to Monomoy by \$498,587, above what was projected when developing the school system's budget. Since this additional funding came in after our annual Town Meetings, the additional Chapter 70 funding will roll into the district's certified Excess & Deficiency account and the funds will be partly used to offset the district's FY18 budget.

Since regionalization, the school district has maintained a 5-year capital and technology plan, with the goal of ensuring that both the physical plants and technology infrastructure continually support learning and preserve the towns' facilities investments. During the 2016 calendar year, a series of capital and technology improvements (each over \$3000) were made which include:

- Refinishing all middle school and elementary school gym floors
- Converting the former Chatham Middle School principal office to a new Monomoy Regional Middle School conference room
- Installing an ADA compliant bathroom at the middle school for our special education program
- Replacing exterior columns at the middle school and Chatham Elementary
- Installing a well to irrigate the Chatham Elementary playground (to allow grass to grow)
- Upgrading the exterior lighting at Chatham Elementary
- Painting interior and exterior areas in all schools
- Playground improvements to both elementary schools
- Replacing carpeting at the Monomoy Regional Middle School
- Installing vinyl tile flooring in several Chatham Elementary classrooms
- Replacing several windows at Harwich Elementary
- Upgrading the intercom system at Harwich Elementary
- Power-washing the middle school exterior street-side cedar shingles
- Upgrading the WIFI at the middle school
- Purchasing new student Chromebooks for the high school
- Replacing middle school teacher laptops

Enrollment & School Choice

Monomoy Regional's October 1 enrollment saw a drop between 2015 and 2016, from an October 1, 2015 enrollment of 1,931 students to the October 1, 2016 enrollment of 1,864. The ratio of Harwich to Chatham children based on the district's "foundation enrollment" was 26.62% Chatham (73.38% Harwich) in FY16 and dropped to 26.32% Chatham (73.68% Harwich) in FY17. Here, foundation enrollment includes all resident children in a town for which the district is financially responsible – these include children from Harwich or Chatham attending Monomoy, another local school district through school choice, or a charter school. Children attending Cape Tech or private schools are not included in a district's foundation enrollment.

Monomoy Regional Schools continues to be one of the few school districts on the Cape that brings in more school choice tuition than sends out to other districts. Based on December 2016 school choice enrollments, the district received 227 students through the school choice program, and with them came \$1,286,667 in tuition. The district concurrently has paid out \$1,151,492 in school choice tuitions for 198 Chatham and Harwich children attending school in other districts. This is 31 fewer school choice attending Monomoy than the prior year and 13 more resident students choosing to attend other districts.

The 2015-2016 academic year saw a slight increase in Chatham and Harwich resident students opting for more expensive charter schools. The total number of children opting for area charter schools increased to 74 students, taking with them a net \$1,009,922 in charter school tuitions. This is five more students attending charter school than the prior year.

The district's largest loss of students to school choice and charters occurs during the transition between grade 5 and grade 6 during the middle school years. By implementing a middle school 1:1 (one student to one Chromebook) initiative for the 2017-2018 school year and the addition of an improved K-7 Math in Focus curriculum and seminar program at the middle school during the 2016-2017 school year, we hope to find more families staying with Monomoy beyond grade 5.

Staff Retirements

During the 2016 calendar year we bid farewell to a number of retiring educators from our district. Combined, this group dedicated 179 years of service to the children of Harwich and Chatham. We appreciate and honor the service of each:

- Karen Booth, Special Education, Harwich Elementary School 16 years
- Jill Eastman, Science Teacher Monomoy Regional High School, 16 years
- Alice Fabia, English teacher Monomoy Regional Middle School, 32 years
- Susan Langway, Teaching Assistant Harwich Elementary School, 12 years
- Janice Lariviere, Special Education Monomoy Regional High School, 30 years
- Lynn LeVangie, English teacher Monomoy Regional High School, 20 years
- Peg Lynn, Special Education Monomoy Regional Middle School, 10 years
- Ginny McGeogh, Reading Teacher Harwich Elementary School, 25 years
- Janet Mitchell, Special Education Monomoy Regional Middle School, 4 years
- Herb Summers, Teaching Assistant Monomoy Regional High School, 14 years

Shifts in Administration

Several key members of the district's central office retired during the 2016 calendar year. After 11 years of service to Chatham Public Schools and Monomoy Regional, Facilities Director Steve Litwinowich retired, and the district welcomed new Facilities Director Rick Travers. Our Director of Instructional Technology Deb Morgan, who had served in the role for Chatham Public Schools and the region for the past seven years retired, and the long-time Instructional Technology Specialist for Harwich Public and Monomoy, Jim Birchfield, was selected as the Interim Director of Instructional Technology. Joan Goggin, who served for eight year as the Director of Student Services for Chatham and Monomoy, called it an end to a long career in education and was replaced by Melissa Maguire. Lastly, the District Accountant for Harwich Public Schools and now Monomoy, Sue Held, retired after eleven years of service and was replaced Eileen Reilly. We wish each well in retirement and are thankful to have found such capable individuals to fill these vital roles.

The Monomoy Mission

We continue to improve our educational program and opportunities for the children attending our schools. We strive to live up to our mission of being "a community of learners of all ages focused on building knowledge, positive character, and resiliency in a safe, supportive, creative, and challenging environment." We are using MAP testing and targeted individualized interventions to connect all students with the support they need to succeed. Ultimately, the proof is in the results. The continual growth of our Advanced Placement program at our high school and the quality of colleges into which our graduates are being accepted are evidence

that we have come far in our three years since regionalization. The best is yet to come.

More information about Monomoy Regional School District can be found on our website at www.monomoy.edu.

Proud to be a Shark.

**Respectfully submitted,
Scott Carpenter, Superintendent
Monomoy Regional School District**

Natural Resources Department

The Department of Natural Resources (DNR) was organized in 2014 by the transfer of Harbormaster operations and management into the Department of Health and Environment.

DNR brings together those Town staff having responsibility for the protection of public and environmental health, protection and management of natural resources, and management of marine resources, and coastal and marine infrastructure. DNR is comprised of the following Divisions: Coastal Resources, Conservation, Harbormaster, Health, Shellfish, and Water Quality Laboratory (WQL). This structure enhances the coordinated approach to protecting and managing Chatham's natural resources and coastal and marine infrastructure. A close working relationship is maintained with the Department of Community Development as many projects involve permitting in both departments. The DNR also oversees the Sticker Office, responsible for transfer station, beach, recycling, and ORV stickers, and Shellfish licenses.

Department staff supports numerous Town boards and committees. Judith Giorgio (Health Agent) supports the Board of Health. Molly Edson (Conservation Agent) supports the Conservation Commission and Land Bank Open Space Committee. Ted Keon supports the North Beach Advisory Committee, South Coastal Harbor Management Plan Committee, and Waterways Advisory Committee. Harbormaster Stuart Smith supports the Aunt Lydia's Cove Committee. Renee Gagne supports the Shellfish Advisory Committee. Robert Duncanson, Ted Keon (Coastal Resources), and Renee Gagne (Shellfish Constable) serve on the Technical Advisory Committee for the Pleasant Bay Resource Management Plan as well as special topic work groups. The DNR Director supports the Water & Sewer Advisory Committee as well as representing the Town on numerous local, regional, and state committees, including the Cape Cod Water Protection Collaborative Technical Advisory Committee, EOE

Nutrient Management Technical Workgroup, Cape Cod 208 Plan Monitoring Workgroup, and others dealing with wastewater, water quality, and other environmental issues. See separate Annual Reports by a number of the referenced Boards and Committees.

Comprehensive Wastewater Management Plan (CWMP)

Regular progress reports on construction activities and other aspects of the CWMP implementation are available on the town's website: www.chatham-ma.gov/public_documents/ChathamMA_CWMP/CWMP. The public is encouraged to review the Final CWMP/Final EIR, and other CWMP reports and documents, which are available on the town's website and at the Eldredge Public Library. The town's website also contains a Frequently Asked Questions (FAQ) document on the CWMP and wastewater project construction.

The website also has a link to the *Barnstable County Community Septic Management Loan Program* (<http://www.barnstablecountysepticloan.org/>) which provides low interest loans for replacing septic systems as well as making sewer connections. Costs related to sewer connections may also be offset via a **state income tax credit** (<http://www.mass.gov/dor/businesses/help-and-resources/legal-library/tirs/tirs-by-years/1990-1999-releases/tir-97-12-personal-income-tax-credit-for.html>).

In 2016 the Board of Health (BOH) issued 152 mandatory connection orders for Phases 1B and 1C-1 providing property owners one year to connect to the municipal sewer. Mandatory connection is required by BOH Regulation; however, the Board may grant limited time extensions for good reason. During 2016 the Board granted 10 time extensions and rescinded one connection order. The Board of Health's mandatory Sewer Connection Regulation can be viewed online at http://www.town.chatham.ma.us/Public_Documents/ChathamMA_Health/Regulations/SewerConnectionReg_effective_Dec8.pdf. The new on-line sewer connection application and tracking program functioned well saving applicants and Town staff time in not processing paper applications.

Seventy-four (74) properties were connected to the sewer system in 2016, with a further 20 permits issued and awaiting final connection. In addition, 66 applications were in various stages of processing at the end of 2016. From January 1, 2013 through December 31, 2016, 259 properties have been connected.

Design and permitting work continued on the remaining contracts in Phase 1C. A large number of roadways in the remaining con-

tracts are private roads which mean the Town has to acquire easements to install the sewers. The easements will be for the road layout only; Town work would not extend onto individual properties. However, this process requires determination of ownership of the road layout, preparation of easement plans, preparation of an appraisal, and the Board of Selectmen formally obtaining the easement. In addition, there are multiple notifications to the property owners involved. Completion of this multi-step process has delayed issuance of further contracts until 2017. The State has granted an extension of the Revolving Fund (SRF) loan for these projects. As with previous contracts it is expected these contracts will qualify for 0% SRF funding from the State.

A non-sewer project, but one having a significant impact on water quality and potentially future sewer projects, was completed in 2016. The Muddy Creek Restoration Bridge Project, a joint effort of Chatham and Harwich along with State and Federal agencies, was completed resulting in the re-opening of Muddy Creek to full tidal flow for the first time in approximately 100 years. Preliminary water quality data from summer 2016 saw significant improvement in salinity and dissolved oxygen levels indicating the increased tidal flow is having a positive effect. The Project was completed on time and on budget. The Project Team was successful in obtaining grants totaling \$4.6M toward the overall project cost of \$6.47M.

Chatham and Harwich continued work on an Intermunicipal Agreement (IMA) for Harwich's use of the Chatham wastewater treatment facility address wastewater nitrogen for the East Harwich area, within the jointly shared watersheds to Muddy Creek and Pleasant Bay. This joint venture would provide an opportunity for some Chatham taxpayer costs to be offset by Harwich. At the end of 2016 negotiators from the towns were close to having an agreement that would be reviewed by the two Boards of Selectmen. The goal is to bring an agreement to each Town Meeting in 2017. Anticipating successful negotiations, included in the FY17 Town Meeting warrant will be a request for sewer design/engineering funds for the Route 137/Morton Road/Middle Road/Commerce Park/portion of Old Queen Anne Road areas. Installation of infrastructure in these areas would be concurrent with installation of infrastructure in Harwich necessary to bring Harwich flow to the Chatham treatment plant. It is expected that Chatham and Harwich will submit a joint SRF Project Evaluation Form (PEF) in August for State loan funding (0%). Construction funding would be sought at the

2018 Annual Town Meeting

Regional wastewater planning continued in 2016 as the Cape Cod Commission moved forward on developing an implementation plan for the so-called “208 Plan”, named for the relevant section of the Clean Water Act. The Plan is not expected to have a significant impact on Chatham as Chatham already has an approved CWMP and has been moving forward with implementation since 2010.

Pleasant Bay Alliance

The Pleasant Bay Alliance (PBA) (see separate Annual Report) had another busy year as it continued implementation of the Resource Management Plan (RMP) for the Pleasant Bay Area of Critical Environmental Concern (ACEC). The DNR Director remained heavily involved as chairman of the RMP Technical Advisory Committee and a member of the Watershed Workgroup. The Alliance, working with the 4 towns, completed development of a draft coordinated wastewater/nutrient management plan for the Pleasant Bay watershed that will be submitted to the towns in early 2017. The Draft plan is consistent with the Cape-wide 208 Plan and DEP guidance for development of watershed plans.

Muddy Creek Restoration Bridge Project

The Muddy Creek Restoration Bridge Project (Project) was completed in spring 2016 achieving full tidal flow for the first time in almost 100 years. The joint Harwich-Chatham Team, working with project engineering consultants, CDR Maguire, Inc., Providence, RI, and Contractor MAS Building and Bridge, Inc. of Norfolk, MA (MAS) brought the project in on budget and on time.

Overall, the Project received grants totaling \$4.6M (\$1M from the *National Coastal Wetlands Conservation Program*, \$3.3M from the *U.S. Fish & Wildlife Service's Hurricane Sandy Mitigation and Resiliency Program*, and \$300,000 from the *NOAA Coastal Ecosystem Resiliency Grant Program*) for construction. The remainder of the total project cost of \$6.47M was split equally between Chatham and Harwich.

Stormwater Management

Stormwater management projects continued in 2016 as part of sewer construction contracts so that work can be coordinated in a way that minimizes impacts on neighborhoods and property owners.

The EPA funded, through the Southeast New England Coastal Watershed Restoration Program, Best-Management-Practice (BMP) Demonstration Project for nitrogen removal was completed in 2016. The Town submitted a grant proposal in 2014 for a demonstration project to retrofit nitrogen removal into the

existing storm drain system that discharges to Oyster Pond at Oyster Pond Furlong. The proposed project is a good compliment to ongoing sewer projects that also target nitrogen remediation of Oyster Pond.

The gravel wetland BMP uses vegetation, soils, bacteria, and natural processes to convert nitrogen in the stormwater into nitrogen gas which goes back into the atmosphere. The treated water ultimately flows back into the storm drain to Oyster Pond. With proper maintenance the gravel wetland will treat approximately 11 million gallons of nitrogen-containing runoff per year. EPA is refining the monitoring plan that will be used to determine the efficacy of the system at removing nitrogen from stormwater over several years. Town staff received initial training on the automated sampling equipment used to collect samples during storm events that will begin in spring 2017.

EPA and MA DEP issued a new Phase II Stormwater Permit in summer 2016. The new Permit conditions will be effective summer 2017. Chatham, along with other Cape communities and regional agencies are evaluating the utility of forming a stormwater collaborative as more efficient, cost-effective way of complying with the Permit.

COASTAL RESOURCES DIVISION Outer Beach/Inlet Development

Visually significant changes to the outer beach and inlet can easily be observed from the Lighthouse Overlook. The southern end of North Beach Island (NBI) continues migrating south resulting in significant narrowing of the “Middle” Inlet (1987) opposite Chatham Light. The southern migration of NBI is also “pushing” the inlet into South Beach resulting in erosion and narrowing of the “elbow” of South Beach. Water depths across Chatham Bar are shallow and breaking waves often extend across the entire width of the outer bar depending on tide heights and wave conditions. Middle Inlet is still the main inlet for vessel access to the Atlantic Ocean, but conditions pose increasing challenges for both recreational and commercial vessels transiting the bar. The “Northern” Inlet (2007), opposite Ministers Point, continues to exhibit relatively minor changes in its configuration. The large shoal complex inside the Inlet does not have a well-defined channel which restricts vessel access to mid to high tides only. The northern tip of NBI is in approximately the same location as last year although the southern tip of North Beach (NB) has migrated slightly to the south.

Tide records within Chatham Harbor and Pleasant Bay are being monitored by the Center for Coastal Studies and indicate that

low tide levels in Chatham Harbor continue to raise slightly, a trend documented last year. The data also indicate that the mean tide range (the difference between high tide and low tide) within Pleasant Bay and Chatham Harbor has decreased over the past few years and returning to approximately the same range as prior to the 2007 break. This pattern is consistent with the observed narrowing of the Middle inlet resulting in less water exiting the interior harbors during normal tide cycles. This pattern has implications for water quality as it indicates flushing is less efficient than immediately after North Inlet formation.

The “South” Inlet (2013) in South Beach is Chatham’s third east-facing inlet to the Atlantic Ocean. The Inlet remains very shallow and large volumes of sand continue to migrate into the old “Southway” making navigation very difficult and entirely tide-dependent. Both sections of South Beach, to the north and south of the inlet, are narrowing with frequent ocean overwash during storms.

Beach Management

Shorebird Management

Shorebird monitors observed 11 pairs of nesting Piping Plovers on North Beach (NB) with 25 documented fledged chicks. This is a good success rate for fledging and higher than in previous years. The monitors documented 26 plover pairs on NBI and observed at least 10 to perhaps 23 fledged chicks. The relatively high fledge rate on NB seems to be from less predation by coyotes; however, NBI still experiences considerable coyote predation of plover chicks and eggs.

Similar to previous years, Least Terns established nesting colonies on NB during the latter part of the nesting season which impacted Over Sand Vehicle (OSV) access. Chatham again received a Conservation and Management Permit from the Natural Heritage and Endangered Species Program of the MA Division of Fish and Wildlife. The Permit enabled the town to initiate a self-escort program which allowed limited public OSV access during weekends in mid-August while protecting the tern colonies and allowing the successful fledging of several least tern chicks.

Over Sand Vehicle (OSV) Access

Orleans was able to lift the seasonal closure of Nauset Beach to OSV access in mid-July, considerably earlier than previous years. This was likely due to less predation, quicker fledging of Piping Plover chicks in the Pochet area, and Orleans’ implementation of a Habitat Conservation Plan (HCP) enabling OSV access under strict protocols. Chatham implemented a similar limited OSV access

program for Least Terns (noted above) after OSV access was restored in Orleans. Sales of Chatham resident OSV stickers by year's end were ahead of last year (501 vs. 462 in 2015), probably related to the earlier opening of Nauset Beach to OSV use.

Landings/Infrastructure

General

The condition of some of the town's waterfront infrastructure was at the forefront of many discussions with the Waterways Advisory Committee, Board of Selectmen, and other groups interested in maintaining and improving waterfront infrastructure. Given substantial future capital costs to address these needs a Waterways User Fee was adopted to assess a fee for all vessels moored in town waters, utilizing rack storage, or launching from town boat ramps. All revenue (anticipated at approximately \$175,000 annually) would be placed in a fund dedicated to capital costs of marine infrastructure and dredging.

Ryder's Cove

Activity at the landing was manageable this past year although weekends and some commercial bass days in August were very busy as usual. Funding was approved to begin developing engineering plans to replace the bulkhead and ramp at Ryder's Cove since these structures are reaching the end of their useful life.

Old Mill Boat Yard

The replacement of the timber bulkhead, installation of new floats, and other facility improvements began in October 2016 and is underway as of year's end with a projected completion date of spring 2017. The project cost is over \$1.5 million and is funded by a \$1.1 million grant from the Seaport Economic Council and town appropriation. Demolition of the existing bulkhead confirmed the extremely poor condition of the timber members, reinforcing the importance of this project.

Fish Pier

An overall site/facility condition assessment was completed in 2016 which identified many issues which will need to be addressed in the coming years. One project initiated in 2016 was modest expansion of the lower fishermen's parking area which improved some congestion in the lower lot. The Town also hired an engineering firm to design and oversee construction of a new observation deck which is scheduled for completion in 2017.

Eldredge Pier

The 2016 Annual Town Meeting approved the purchase of the private pier (previously

owned by the Eldredge family) adjacent to the Old Mill Boat Yard. This was an extremely important purchase to preserve a key piece of "working waterfront" infrastructure for future needs of the commercial fishing industry. The Town will work with various advisory committees in 2017 to develop plans for rehabilitation of the property and pier.

90 Bridge Street

The existing pier on the property was replaced with a similarly configured but much more substantial structure this past year. In addition, a consultant is developing an overall site reuse and feasibility assessment plan for the property. A key component for site reuse that has been strongly supported by various water-related committees is construction of a state-of-the-art upwelling facility in order to relocate the Town's shellfish upwelling system. This would be in addition to other complementary features to improve public use and water access. The site assessment is scheduled for completion in the spring of 2017. Concurrently the Shellfish and Coastal Resources Divisions of the Natural Resources Department submitted an application to the Saltonstall-Kennedy Grant Program at NOAA to fund the design and engineering of a new shellfish upweller facility; work is expected in early 2017 if the application is successful.

Water Street (East)

A new set of stairs with a handicapped accessible viewing platform was constructed at the eastern end of Water Street. The project was funded by the Community Preservation Act and the Old Village Association. The platform and stairs provide pedestrian access over the rock revetment to the beach and shoreline of Chatham Harbor. This project restores public shore access that had previously existed at this location prior to its loss due to erosion and revetment construction following the 1987 inlet formation.

Mitchell River Bridge

The long-awaited reconstructed Mitchell River Bridge was opened to vehicle traffic in June 2016 consistent with the original scheduled opening of the bridge. Minor aspects of the project were still underway through the summer and fall but the project was substantially complete allowing normal bridge operations and vehicle traffic for the summer season. The resulting bridge has been very well received by the community and Chatham can be very proud of the final project. Chatham extends its appreciation to MassDOT and the contractor, SPS New England, for successfully completing such an impressive design.

Dredging

No dredging by the US Army Corps of Engineers or the Barnstable County dredge was performed this past year. The Town hired a private contractor to remove approximately 800 cubic yards (cys) of material from the South and North Jogs, and dinghy float at the Fish Pier. The majority of the material was placed at Scatteree landing to address ongoing erosion. Some minor dredging (120 cys) occurred at the Old Mill Boat Yard associated with the facility renovations currently underway. That material was placed at Cotchpinicut landing.

Final permits were approved in August that enable limited dredging within specified portions of the Pleasant Bay Area of Critical Environmental Concern (ACEC). The Town had anticipated that dredging would proceed in the fall to address a problem shoal near Fox Hill. However, the fall/early winter schedule of the Barnstable County dredge was too full to include this project before the annual mandated Time-of-Year (TOY) dredging closures for various fisheries and other environmental resources. Dredging restrictions begin on January 15 and run through the summer season. As a result this work has been deferred until the fall or early winter of 2017/18.

The Coastal Resources Director serves on the Barnstable County Dredge Advisory Committee.

Monomoy National Wildlife Refuge

The US Fish and Wildlife Service (USFWS) released their final Record of Decision (ROD) regarding the long awaited Comprehensive Conservation Plan governing the Monomoy National Wildlife Refuge (MNWR). While some previous Town concerns have been positively addressed, the USFWS maintained their claim of jurisdiction over the sub-tidal lands and waters along the western side of Monomoy. Both the Town and Commonwealth of Massachusetts strongly oppose this action as an incorrect interpretation of the 1941 Declaration of Taking (DOT) and due to the loss of historic fishing rights in the disputed area which have historically been under State and Town management. The MA Attorney General's Office announced its intention to bring legal suit against the USFWS for this action. In addition, Federal legislation requested by the Town has been submitted by Representative Keating to clarify the western boundary of the MNWR as the Mean Low Water (MLW) line. It has always been the position of Chatham and the Commonwealth, that the DOT is clear as to its original intention to limit the refuge boundary to MLW. Legislation would formally delineate the boundary as such and

clarify any future interpretations of the DOT. As of year's end no action had been taken by Congress on the legislation; it is expected to be re-filed in 2017.

CONSERVATION DIVISION

The primary responsibility of Conservation Division staff is to provide support to the Conservation Commission who is responsible for administering the Wetlands Protection Act (MGL Ch. 131, s. 40) and Chatham Wetlands Protection Bylaw (Chapter 272). A majority of staff time is dedicated to facilitating the permit process by:

- serving as liaison between professionals, applicants, and the Commission;
- providing public education on wetland values, natural resource protection, the application process;
- maintaining the conservation related records and resource materials, including creation and maintenance of an electronic database to be able to search all issued permits;
- reviewing proposed projects and applications;
- conducting site inspections for preliminary review of projects and for compliance with permits;
- preparing permits and issuing documents; and
- Investigating reported violations and taking necessary enforcement actions, including the issuance of Stop Work Orders, Enforcement Orders, non-criminal citations, and court appearances.

Wetlands Protection

In 2016 there were a total of 237 applications submitted to the Commission for work within areas protected by state and/or local wetlands protection regulations, representing a decrease over the 274 applications in 2015.

Applications were made up of 102 Administrative Reviews, 35 Requests for Determination of Applicability, 76 Notices of Intent, 7 Extension Orders, and 17 Requests to Amend Orders of Conditions. Some project changes were approved informally by the Commission through the acceptance of field changes.

Total wetland application fees collected in 2015 were \$34,695.50. Total fees collected include a portion of the state application fee as well as a separate local filing fee. The town's share of the State fees collected totaled \$14,741.50 and fees collected under the local bylaw totaled \$17,454.00. Advertising fees collected totaled \$2,500. By statute, fees obtained in the administration of the MA Wetlands Protection Act can only be used to carry out the Commission's duties under the Act, not for other Commission activities.

Staff Duties

Other duties and responsibilities of the Conservation staff include

- staff support to the Land Bank Open Space Committee, and participation in committees such as the South Coastal Harbor Management Plan Committee;
 - participation in regional workgroups and committees such as that of the Pleasant Bay Alliance;
 - providing public educational opportunities through free workshops, Town website, and dissemination of informational brochures and handouts;
 - presentations to local organizations;
 - active pursuit of continuing education by attending seminars and conferences;
 - maintenance of conservation division webpage;
 - drafting and implementation of Commission policies and regulations; and,
 - staff support to the Commission in the oversight and management of Town-owned conservation lands through monitoring and implementation of land management plans.
- Staff organizes and supervises volunteers; conducts numerous land management projects, including trail work, cleanup of dumping sites, invasive species removal and restorative plantings, posting of signage, etc. AmeriCorps and other volunteers and other department staff are essential to accomplish these tasks.

The part-time Assistant Agent's role is to assist the Conservation Agent with the duties of the division and perform land management on Chatham conservation land. Paul Wightman transitioned from full-time Conservation Agent to Assistant in May of 2016. Molly Edson was hired as full time Conservation Agent in June of this year.

Violations

A total of 9 enforcement actions were initiated and resolved for violations of the Massachusetts Wetland Protection Act, G. L. c. 131 § 40 and the Chatham Wetland Bylaw c. 272.

Public Outreach

Staff continues to update the Town's conservation webpage and seeks to use all available means to inform the public about conservation issues. Chatham Conservation is on Facebook.

Conservation Land Management

The implementation of the *Conservation Land Management Plan and the Wildfire Protection and Preparedness Plans* is an ongoing process. Land management projects completed at Conservation Areas over the past year include invasive species removal, planting of natives, trail maintenance, removal of hazard

trees, and rubbish removal where illegal dumping has occurred.

Rolf E. Sylvan Gardens – As identified in the management and public access plan for the property, a group of volunteers has assembled to form a *Friends of Sylvan Gardens* organization a 501(c)(3) not-for-profit. The organization will work collaboratively with the Town to help with the funding of projects, development of a public outreach, education, and volunteer program. The Friends of Sylvan Gardens role will serve as key support for the ongoing management of the property. The Friends and Town will be moving forward with construction of a handicapped accessible trail, funded by the CPA, in spring 2017.

Land Stewardship Program – The program continues the work of volunteer Land Stewards walking Town-owned conservation properties and reporting their findings to the Division to aid in management of the Town's conservation areas. Several of the volunteers monitored conservation properties and submitted reports on their findings. The information will be maintained in a data base, assisting with identifying management issues and projects important to insuring safe public access and preservation of the quality of our wild lands. Some significant management issues discovered related to the public's misuse of properties were encroachment by new development, illegal use of the Town land for dumping, ATV and motor bike use, camping, and bonfires, vandalism of signs, to name a few. Volunteers are also providing observations and identification of wildlife and wildlife evidence, plants and trail conditions.

The Division continues to work with volunteer Land Stewards to maintain and enhance the Town's conservation land. A dedicated conservation website with information about the Town's conservation lands, created in 2013, continues to be maintained by staff. It is a means for the public to access information about town-owned conservation properties; for the Land Stewards to file their monitoring reports online; for events to be posted; and for new volunteers to sign up. A hotlink to this website can be found on the Town's website.

AmeriCorps Cape Cod – We were fortunate to have AmeriCorps members assist with several group projects, most pertaining to shellfish resources. The conservation land management work of this Division and Conservation Commission is greatly enhanced by the assistance of AmeriCorps Cape Cod. AmeriCorps volunteers provide an extremely valuable service to the Conservation Commission and the Town in assisting

with trail maintenance, invasive plant species control, and other land management activities organized as group projects, projects that might otherwise not be accomplished due to limitations of Town staff and funding. AmeriCorps volunteers are in demand for projects around the Cape and the application process for obtaining their services continues to get more competitive each year. We are grateful for each time AmeriCorps is able to provide their valuable assistance.

Collaboration and Work with Chatham Conservation Foundation

In 2016 we worked with the Foundation and Matt Cannon, Foundation Land Steward, on trail maintenance on the Barclay Pond Conservation Area. Trail maintenance was also accomplished on several other parcels held by the Foundation.

A project was approved for the construction of a vernal pool in cooperation with the Chatham Conservation Foundation, Massachusetts Audubon, and Monomoy Middle School teaching staff. The Foundation contracted with Tom Biebighauser of the Center for Stream and Wetland Restoration. Tom is an expert in the creation of vernal pools and travels around the United States to work with local schools to create vernal pools. Two pools will be created and provide wonderful education opportunities for students. The two pools will be shallow 40' diameter vernal pools and created in upland areas adjacent to a large shrub swamp abutting Monomoy Middle School in Chatham.

Vernal pools are unique wildlife habitats best known for the amphibians and invertebrate animals that use them to breed. Vernal pools, also known as ephemeral pools, autumnal pools, and temporary woodland ponds, typically fill with water in the winter/spring due to rainfall/snowmelt and generally dry out in summer/fall.

Senior Tax Work-off Program. The Division's participation in the program has been very rewarding due to both the accomplishments achieved and the personal interface with participants and government staff.

Chatham Recycles, an ad hoc workgroup of volunteers consisting of staff and citizens, continues to meet periodically. The Chatham Recycles website continues to provide the public information on recycling in Chatham: www.chathamrecycles.org and is now on Facebook.

HARBORMASTER DIVISION

1. OVERVIEW – The Harbormaster Division is responsible for safety and oversight on navigable waterways, which includes 66 miles of coastline, as well as other areas as

required, including waters out to 3 nautical miles off-shore. In addition to assisting mariners and swimmers in distress, the Division is responsible for maintaining and installing 200 plus seasonal and year-round Town-owned Aids to Navigation, pollution prevention and response, enforcement of state and local waterway regulations and bylaws, and management of mooring, docking and waitlist permits and regulations. In accordance with the Harbormaster's Standard Operating Procedures, patrol boat operators conduct safe and effective boat operations throughout unique and challenging waterways. In addition, the Division provides oversight and regulatory enforcement to the Fish Pier, operates and maintains the Mitchell River Drawbridge, provides oversight and assists in management of Town Landings. The following report highlights activities for the 2016 season.

2. SUMMARY OF OPERATIONS – With few exceptions the H-24 Patrol Boat was dedicated to patrolling the waters of Chatham Harbor, which includes Chatham Inlet, waters adjacent to North Beach and North Beach Island, Pleasant Bay channel, Aunt Lydia's Cove, Bassing Harbor, Ryder's Cove, Crows Pond, Pleasant Bay, the east side of North and South Monomoy Islands, and off-shore waters. The H-21 Patrol Boat was dedicated to patrolling the waters of Stage Harbor to include the entrance channel, the Southway, Oyster River & Pond, Mitchell River & Mill Pond, waters along Harding's, Ridgevale and Cockle Cove Beaches, the west side of North and South Monomoy Islands, and off-shore waters in Nantucket Sound. The H-25B Carolina Work Skiff was utilized primarily for the purpose of setting, hauling and servicing aids to navigation. The H-25 Patrol Boat (Parker) was used mainly for mooring management in Chatham Harbor and Stage Harbor; however it was used for other missions as required, and is the primary all season vessel. Over the coming years we

will need to re-capitalize our boats due to age, replacing them with similar size boats. The H-21 patrol boat was sold to the Town of Dighton this fall and is being replaced with a 24' Boston Whaler Justice due to be delivered in spring of 2017. While it is very difficult to capture in totality the multi-mission work that the patrol boat operators and the Division as a whole have executed over the season, the following summary by mission area captures a significant level of effort:

- a. **MARITIME ASSISTANCE** – Outlined above is a table of statistics from 2015 and 2016 of maritime assistance cases documented in Incident Reports and patrol boat daily logs. Although we do our best to document all calls for assistance, there are instances where assistance rendered is not captured in incident reports. The 171 cases successfully executed in 2016 resulted in many lives saved or assisted and thousands of dollars in property saved.
- b. **LAW ENFORCEMENT** – The primary objective of law enforcement actions by the Harbormaster and Assistant Harbormaster's is to promote public safety and welfare by encouraging voluntary compliance, and addressing non-compliance. Again this year, presence through active patrolling served to significantly deter negligent or unlawful operations. The Division continued with the requirement for patrol boat operators to conduct a post-incident safety boarding for each boat that required a tow back to port. In addition to numerous verbal warnings, 10 written by-law violations were issued.
- c. **MOORINGS** – Patrol boat operators conducted mooring checks within all mooring fields to ensure the proper display of mooring stickers and state registration stickers, ensure proper display of mooring number and name on mooring balls, and checked the condition of hawsers. The Division continued to inspect mooring tackle & hawsers, reposition

HARBORMASTER DIVISION	YTD 2015	YTD 2016
MARITIME ASSISTANCE CASES		
TOWS (DISABLED BOATS)	32	21
GROUNDINGS	19	21
DEWATERING	8	4
MISC. BOAT ASSIST	48	77
C.G./AGENCY ASSIST	3	11
CAPSIZED BOAT/SALVAGE	4	6
MEDICAL	3	11
P.I.W.	5	7
POLLUTION	5	3
KAYAK/WATERCRAFT ASSIST	4	6
BOAT FIRE	0	1
TRANSPORT	1	3

moorings as needed, remove abandoned or illegal moorings, and properly maintain 35 Town/Public moorings.

- d. **AIDS TO NAVIGATION** – The Division is responsible for the proper licensing 200 plus private Aids to Navigation through the U.S. Coast Guard; private Town aids are established, disestablished, and updated by means of the Private Aids To Navigation (PATON) database. Patrol boat operators were responsible for deploying seasonal private aids to navigation prior to the start of the boating season, verified and adjusted buoy positions throughout the season, and hauled buoys for maintenance at the conclusion of the boating season. After being hauled, all buoys are pressure washed and reconditioned as needed throughout the off-season, which often includes welding repairs and replacement of ground tackle and chain. Following last year's initial success, the Division continued utilizing a new buoy type for deployment in our protected waters. This buoy is designed to be easily deployed, hauled, and serviced in an effort to reduce the man hours spent during buoy operations. Of additional benefit is the cost savings associated with the new buoys which were purchased at half the cost of the buoys that were in use. After a full season of use, these buoys fully met expectations and provided efficiencies in deploying and hauling buoys for our protected waters. The buoy vendor is in the process of building a slightly larger version of this buoy type for less protected areas. This larger version would be ideal for replacing the aging buoys that mark the channel from Chatham Harbor to Pleasant Bay while providing the same benefits as the smaller version.

The issue of water skier safety in Oyster Pond and Crow's Pond was the topic of much discussion by the Waterways Advisory Committee this year. In response to the concerns raised by these meetings, Harbormaster staff relocated many moorings in Oyster Pond, moving them closer to shore and away from the middle of the pond. A series of yellow trawl ball markers were deployed to mark the proper distance outside, of mooring areas and posted swim area, to provide a visual reference for water skiers and boat operators in identifying the area where they are allowed to operate in compliance with state law. From all accounts, this system worked well and we will continue to deploy these seasonal markers in Oyster Pond. In 2017, a similar effort will be conducted in Crow's Pond by relocating moorings as necessary and deploying a series of yellow trawl balls.

e. **SUPPORT OPERATIONS** – In addition to executing the Division's primary missions, patrol boat operators provided support to the following agencies and organizations:

- MA Division of Marine Fisheries (DMF) – Throughout the season, patrol boat operators again provided assistance to Dr. Greg Skomal and staff as they continued their research and tracking of great white sharks within Chatham's area of responsibility.
- Atlantic White Shark Conservancy – The Atlantic White Shark Conservancy continued to fund a white shark population study in partnership with the DMF. In a cooperative effort the Division continued to provide support to the Conservancy by providing a variety of assistance.
- International Fund for Animal Welfare (IFAW) – Patrol boat operators reported sightings of injured and/or stranded seals and dolphins, and were often called upon to transport IFAW staff to the scene. Consistent with past years there were many reports of injured and dead seals with large bite marks suspected to be from sharks.
- Water Quality Testing – Throughout the season, patrol boat operators transported DMF marine biologists and Town Natural Resources personnel to areas within Chatham Harbor and off-shore in support of water quality testing programs.

f. **TRAINING**

- The National Association of State Boating Law Administrators (NASBLA) is the nationally recognized leader in providing maritime training to State and Local maritime response agencies. Two NASBLA courses (Boat crewman and Boat Operator Search and Rescue) are required by the Massachusetts Harbormaster Training Council. In addition to the two required courses, NASBLA offers a number of other courses that are utilized as in service training. In 2016 several members of the Harbormaster staff continued their required in-service training by attending a Tactical Operators Course. This course is designed to provide students with the knowledge and skills necessary to appropriately react to threats in the maritime community. Training utilizes the same tactics, techniques, and procedures that the U.S. Coast Guard uses to train its boat operators and ensures seamless integration into security operations among federal, state, county, local and tribal maritime law enforcement officers and agencies.
- In September members of the Division and local fire departments attended a Boat and Marina Fire seminar instructed by Marine Firefighting Inc. This 8 hour course of

instruction covered all aspects of safety and response to marine related fires, highlighting the interagency cooperation necessary to effectively combat fires in the marine environment.

3. ADMINISTRATIVE HIGHLIGHTS

HARBORMASTER DIVISION FY 2016 REVENUE

Fish Pier Rent	\$31,280.00
Independent Buyer/Packer	\$500.00
Fuel Fees	\$11,153.91
Mooring Permits	\$189,226.95
Wait List	\$8,490.00
Late Fees	\$2,885.00
Transient Fees	\$4,570.00
USCG Rent	\$7,370.00
Bridge St. Parking	\$1,395.00*
Ryders Cove Ramp	\$495.00*
Docking Permits	\$72,811.00
Fisherman's Storage (at the airport)	\$4,200.00

**Includes in-house receipts only, no on-line receipts*

In 2016 regulations concerning a Waterways User Fee (WUF) /Permit were adopted. The fee is \$50 per boat for residents and non-resident taxpayers, and \$150 per boat for non-residents. The fee is estimated to generate approximately \$175,000 annually to be deposited into an account specifically for waterways and waterfront capital infrastructure improvements and maintenance. Revenue from the WUF will help supplement the considerable capitals costs associated with dredging, waterfront property acquisitions, improvements, maintenance and repair, and other waterways related projects currently borne by the tax rate.

ADMINISTRATIVE STATISTICS FOR 2016

Private Mooring Permits Issued:	2,199
Commercial Mooring/Slip Permits Issued (Commercial Boat Yards/Marina's)	523
Wait List	1,287
Docking Permits Issued: (Fish Pier)	88
Phone Calls/Walk-in's	5,435
Closed Loop Pressure Wash for Haul Outs	14
Pump Outs	90
Ryder's Cove Parking Permits	790
Town Landing Charter Docking Permits	17

MOORING MANAGEMENT SOFTWARE

In the fall of 2016 the Town decided to discontinue the use of the mooring management software that was instituted in 2013 as part of a grant-funded pilot/test project. As noted over the past several years, we experienced significant difficulty with this software and its ability to provide the essential functions necessary for our mooring management. As

noted previously the Town did not achieve the reductions in processing time/effort by staff that were anticipated and difficulties were encountered with on-line payments, and uploading of documents. Staff used the software that was in use prior to the pilot project and renewals for this year were conducted by mail or in person. Staff will continue to research compatible mooring management systems with the ability for customers to renew on-line. Given the lessons learned during the pilot project, we want to ensure that whatever system we move forward with will be effective for use by staff and customers alike.

4. OTHER WATERFRONT PROPERTIES AND FACILITIES

- The 90 Bridge Street pier was re-built and put into use in 2016. Although the pier itself is modest it does provide an alternative offloading location for commercial fishermen operating out of Stage Harbor. The long-term use of the property is still undetermined, although several proposals have been submitted and are being considered, including relocating the shellfish upwelling facility, and public areas.
- The bulkhead replacement project at Old Mill Boat Yard commenced in the fall of 2016 and has been moving forward on schedule. Completion for the project is slated for April 2017. In addition to the much needed bulkhead replacement, the completed project will allow for increased use of the facility by the addition of concrete floats. The improved float layout allows more usable space for vessels operating out of this facility, and provides a small area for dinghy tie ups.
- In 2016 the Town purchased the Eldredge Dock adjacent to the Harbormaster's Office. The Eldredge's have secured a lease of the facility and will continue to manage the pier for commercial fishing during the lease. Long-term use for the facility is being discussed amongst Town officials as well as the Waterways Advisory Committee; presumably, this will include a fish offloading dock.
- Regulations concerning the temporary winter shore-side berthing for Commercial Fishing Vessels at Old Mill Boat Yard and Ryder's Cove were adopted in the fall. Old Mill Boat Yard was under construction so no vessels were able to haul out at that location. Ryder's Cove, to date, had one vessel utilize the winter berthing area with interest from a few other eligible vessel owners. The Waterways Advisory Committee is discussing revisions to the regulations to adjust the fee and/or expand the eligibility requirements to increase utilization.
- The Mitchell River drawbridge was completed in 2016 and full operational control of the bridge was turned over to Division staff in the fall. The operation of the bridge is considerably different than that of the previous bridge and is reliant upon all functions working properly. If one step in the process fails, the bridge can't be readily opened or closed as portions of the system are not easily bypassed. We are still waiting for an operator's manual and formal maintenance training.
- The Town engaged GZA Engineering to undertake a bathymetric and eelgrass survey as an initial step in preparing for replacement of the Ryder's Cove wooden bulkhead and improve public access at this important town boat ramp, floats, and parking area.
- The fishermen's storage area at the airport came under increased scrutiny this year due to concerns of some neighbors and FAA. As a result, Division staff has been strongly encouraging fishermen to clean up their respective areas so we may more clearly delineate areas they may use for storage of fishing gear. Division staff, with assistance from Coastal Resources staff and AmeriCorps have been cleaning up and removing abandoned, unclaimed fishing gear, and small trees and shrubs.

5. LESSONS LEARNED:

- Stage Harbor Patrol – We continued the patrol during a 10 hour operational day as has been done in the past, and is being done on the Chatham Harbor side. The cut in South Beach continued to attract more boaters to the area bringing with it an increase in case load for that area. The inside of South Beach was one of the more popular destinations for boaters on the Nantucket Sound side.
- Chatham Harbor Patrol – Rapidly changing conditions in and around the Chatham Bar and Northern Inlet made for an exceptionally challenging year for local boaters. Several vessels experienced shattered windshields due to surf conditions, and two vessels capsized while transiting the area. Chatham Bar has experienced shoaling at a rapid rate and it is possible that the southern tip of North Beach Island may reconnect with the northern tip of South Beach. Coast Guard response was limited as their vessels were unable to transit the bar at negative tides. This increased search and rescue response load for Division staff as we routinely responded to marine incidents where the Coast Guard was unable to assist.
- EMT/Boat Crew: This position was used to achieve a two person patrol posture during the weekends (Fri-Sun) on both the Stage Harbor and Chatham Harbor patrol boats.

Weekends have the highest volume of boating activity and, therefore, the most vessel assistance and/or distress cases. An increase in medical cases was noted this year, several involving major injuries or illness. EMT's on our boat crews were instrumental in the effective response to many of these cases.

6. MUNICIPAL FISH PIER:

- Red's Best, Marder Trawling, and Whiteley Fuel continued their leases at the Municipal Fish Pier this year.
- The capacity of the observation deck at the Fish Pier was reduced to 100 occupants. The deck is slated to be replaced in the fall/winter of 2017-18. With significant pedestrian traffic during peak summer months, it is difficult for staff to monitor the observation deck, upper and lower parking lots, as well as the waterfront activities of lease holders, and vessels off-loading to the jogs. It is preferable to have two people on duty at the pier during the peak hours; however, a lack of suitable applicants for seasonal positions limited our ability to provide this coverage on a regular basis. The Fish Pier continues to be a top destination for visitors and commercial activities seem to increase every year. With such a high volume of visitors at a heavily used commercial facility there is a growing concern for the safety of those who work at and visit the facility. There have been preliminary discussions on the layout of the facility to see if there are viable options for segregating commercial activity from the general public to help mitigate safety concerns.
- The southwest corner of the lower lot parking area was expanded to provide more parking spaces and increase room for large commercial trucks that operate at the Fish Pier. Multiple sections of concrete pad that had settled at the Fish Pier were repaired by filling voids underneath the concrete. In addition, an asphalt overlay was added in some areas to alleviate further deterioration of some drainage issues and provided short-term repair until more substantial renovations are commenced.
- PARE Corp., consulting engineers, completed the overall site/facility assessment and provided the Town with a 10 year plan for improvements, renovations, and repairs to the Fish Pier facilities as well as bulkheads, floats, and piers. The information contained within the study is essential in the preparation of capital budget requests for 2018 and beyond as we plan and prioritize projects for this facility. The south jog bulkhead will likely be the first area of replacement; the current bulkhead was installed in 1979.

JULY 2016	AUG 2016	SEP 2016 (through 22 Sept)
123,456	139,104	59,168

As shown above, this facility experiences a significantly high volume of visitors during the peak of the summer season. This highlights the severe shortage of available parking, the need to properly repair and maintain the facility, and the importance of proper staffing.

Fuel Concessions:	Product	Gallons	Amount
Whiteley	Diesel	174,699.4	\$9,762.97
	Gasoline	26,096.8	\$1,390.14
	Total	200,796.2	\$11,153.91

Fish Landings – Municipal Pier:	
Marder Trawling, Inc.	6,174,771.25 pounds
Red's Best	8,588,751.5 pounds
Total	14,763,522.8 pounds

• Staff continued to collect Fish Pier visitor statistics in 2016. Data was collected from July 1st through September 22nd. While it is almost impossible to count every person that visits the area, we did incorporate a system to provide a rough estimate. A fifteen minute count of people entering the area via the staircase at the pier was conducted once a day at various times, every day during this period. Those numbers were totaled for each month and multiplied by four to estimate the total number of people over a one hour period. That total was then multiplied by eight to estimate the total number of people over an eight hour period. The following statistics are a result of the data estimates of visitors generated over this time.

HEALTH DIVISION

The Health Division this year continued its mission to protect and improve the public health and well-being of the Chatham community. Enforcement and inspection activities of the Division are designed to ensure a safe and healthy environment in which to live and work. Routine activities such as food service inspections are conducted twice a year in accordance with the State Sanitary Code. Other inspectional activities include housing, pool, motel/inn, and nuisance complaint inspections. The Health Division is also responsible for the review of septic system plans and inspections of septic installations. All building, planning and zoning applications are reviewed to determine compliance with applicable local and state regulations.

The Board of Health continues to order property owners, adjacent to the new municipal sewer system, to connect to the sewer. Division staff reviewed all new connection applications and coordinates with DPW on review of septic abandonment permits, floor plans, and final permit issuance.

The Division drills the Town's Public Health Emergency Plan, as part of the local

emergency planning committee, with the assistance of the Health Agents Coalition of Cape Cod. Plans are updated and deliverables met in accordance with the State Department of Public Health and CDC guidelines.

Annual Influenza vaccine clinics were held at the Community Center and Monomoy Middle School serving school age children, school staff, families, and town employees. In addition, the Monomoy Middle School clinic was conducted as a drill for set-up of an emergency dispensing site.

The Health Agent, working with the Barnstable County Contract Nurses and Town Staff, including, Health, GIS, COA Outreach, Fire and Rescue, Police, Building, and Chatham Housing Authority developed a mapping system for at risk populations using data from the special assistance, reassurance call, 911 emergency, and venting inspection list. The group continues to improve communication within all departments regarding support and response to residents in high risk situations.

During the course of the year vaccines and services to town residents were coordinated through the VNA of Cape Cod (VNA) and the Barnstable County Health Department (BCHD), including Hepatitis, Varicella, and Tetanus. Weekly blood pressure clinics were held at the Senior Center and twice monthly at the Community Center.

The Division held its 5th annual Community Health and Fitness Fair. Free and open to the public vaccinations and health screenings were provided along with information on nutrition, physical fitness, and well-being to many families. The Fair is supported by VNA, BCHD, and the Cape Cod Medical Reserve Corps (MRC).

In the spring the Division again provided training for Chatham food service personnel in Choke Safe and Hands on CPR with the assistance of the MRC. In addition, the Division hosted a Serv Safe Food Safety Certification class for local businesses.

The Board of Health passed a regulation prohibiting establishments from selling synthetic drugs, known commonly as Spice or synthetic marijuana, in the community (effective July 28, 2016).

The Board of Health revised the Nitrogen Loading Regulation; major changes include limitations on allowing Nitrogen Aggregation Plans in Nitrogen Sensitive Areas (effective September 15, 2016).

Welcome to our new Health Inspector Stephen J. Ward. Thank-you to Dianne Langlois, Secretary; Diane Byers, Animal Control Inspector; and Board of Health members—Edward Sheehan, Ted Whittaker, Dr. Allen Ward, John Beckley, and Ronald Broman for all you do.

Health Division YTD 2016

PERMITS ISSUED

Disposal Works Construction	103
Food Handler's	110
Motel/Cottage	13
Room Inspection	22
Swimming Pool/Hot Tubs	17
Tobacco Sales	15
Stable/Animal Keeping	9
Septic Installers	54
Septage	13
Rubbish Haulers	5
Recreational Camps	1
Well Construction	24
Well Destruction	0
Scallop Shanty	4
Septic Abandonment	54
Bathing Beaches	17
Total	361
Total Receipts	\$68,510.00

SHELLFISH DIVISION

The Shellfish Division is charged with protecting, managing, and enhancing shellfish resources throughout town waters. Authority to govern shellfish resources is given to coastal towns by the Commonwealth under Massachusetts General Laws, Chapter 130. The Division fulfills its mission by enforcing regulations which protect and conserve the resource, by educating the public about shellfish and the need for sound management practices, and by ensuring the continued sustainability of the resource through a successful propagation program. The Division includes two full-time staff, Shellfish Constable and Propagation Specialist/Assistant Constable, seasonal Deputies, and seasonal propagation support staff. A majority of staff time is dedicated to daily enforcement patrols, monitoring both recreational and commercial shellfish landings, and operation of the propagation program.

The shellfisheries experienced two poten-

tial threats over the 2016 season. First, for twenty-one days in October, all the Stage Harbor Complex, and the waters and flats of Nantucket Sound, were closed to the taking of shellfish due to a potentially toxic phytoplankton bloom of *Pseudo-nitzshia*. Cells of the phytoplankton were found in high amounts throughout a number of waterbodies stretching from the Connecticut border through Nantucket Sound, most likely exacerbated by the long summer drought followed by heavy rains in early October. Some species of *Pseudo-nitzshia* release domoic acid, a bio-toxin that can accumulate in shellfish, and if eaten, causing Amnesic Shellfish Poisoning (ASP) in mammals. The closure was lifted on October 31 after State officials were confident that the algae bloom had dissipated. This was the first ASP shellfish closure in the state's history. Protocols to monitor ASP are being developed by the State and will be incorporated into the Division's procedural oversight in 2017.

The second potential threat to the commercial shellfish industry was a MA Division of Marine Fisheries' (DMF) proposed rule change to reduce the minimum harvestable size of aquaculture-reared shellfish. The rule change would have allowed the in-state sale of aquaculture-reared quahogs of $\frac{3}{4}$ thick (currently considered undersize) while maintaining a 1 inch thick minimum size for wild harvesters. The possible economic and ecological impacts to Chatham's wild commercial quahog industry motivated the Town to aggressively oppose the rule change. After a well-attended public hearing in Chatham, and a flurry of comment letters opposing the rule change, DMF Director David Pierce recommended to the Marine Fisheries Advisory Commission to adopt the in-state sale of undersized aquaculture-reared shellfish, but *excluding* quahogs. Director Pierce based his recommendation to exclude quahogs on the written and oral comments submitted *"particularly from the Town of Chatham"* and cited possible adverse impacts affecting the biological and economic sustainability of the wild quahog fishery.

Soft-shell clams

We experienced a moderate soft-shell clam set over the 2016 season. Clams were spread out and could be found from the Southway, throughout Stage Harbor, and north in Chatham Harbor. Landings were slightly higher than last year and price per pound did not reach the exorbitant levels of 2015. By mid-summer most commercial harvesters switched to the more abundant quahog set. Clams set at the "recreational only" area held out for another season despite heavy harvesting pressure.

COMMERCIAL CATCH REPORT*			
	Landings in Bushels		Estimated Wholesale Value
Soft-shelled clams	11,884		\$1,180,419.00
Quahogs	23,598		\$1,620,658.00
Mussels	12,614		\$ 489,422.00
*Source: SAFIS Dealer Database			
Total Estimated Wholesale Value			\$3,290,499.00

SHELLFISH PERMITS AND REVENUE			
	Number of Permits	Price of Permit	Revenue
Commercial	269	\$ 250.00	\$ 67,250.00
Junior Commercial	14	\$ 125.00	\$ 1,750.00
Senior Commercial	34	\$ 60.00	\$ 2,040.00
Free Senior Commercial	11	NA	NA
Total from sales of Commercial Permits			\$ 71,040.00
Three-quarters of Total Sales to Shellfish Propagation Fund			\$ 50,280.00
One-quarter of Total Fee to the General Fund			\$ 17,760.00

Resident Family	1237	\$ 35.00	\$ 43,295.00
Resident Senior	454	\$ 15.00	\$ 6,810.00
Non-Resident Family	718	\$ 100.00	\$ 71,800.00
Free Senior Resident	51	NA	NA
Total from sales of Recreational Permits			\$ 121,905.00
Three-quarters of Total Sale to General Fund			\$ 91,428.75
One-quarter of Total Sales to Shellfish Propagation Fund			\$ 30,476.25

Total of combined sales to General Fund			\$ 109,188.75
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North Beach OSV	491 @	\$40	\$19,640.00
North Beach OSV Seasonal	10 @	\$20	\$200.00
			650,725.00 Sub-total

In addition 11 free OSV permits were issued to North Beach/North Beach Island property owners or resource agencies.

\$844,160.00 Grand Total

Quahogs

The quahog set throughout the South Way remained fruitful and was the predominant targeted species throughout 2016. Prices were also high and steady throughout the season. Much of what was harvested was premium product or "counts", quahogs just over legal size. Chatham continues to be the predominant producer of wild quahogs in the State.

Mussels

For reasons unknown, the annual onslaught of winter ducks did not visit Chatham waters in the early months of 2016. And with a lack of predation, the mussel set throughout Chatham waters flourished. For the first time in years, shellfishermen commercially harvested mussels in Stage Harbor. Once the waters within Stage Harbor warmed, harvesters moved production to the even more fertile waters of Pleasant Bay. The handful of shellfishermen targeting mussels continued to fill their daily limits.

Bay Scallops and Razor Clams

For the second year in a row, there were no discernable commercial landings for bay scallops. There were also no recorded commercial landings for razor clams.

Violations Issued

In possession of greater than 5% seed shellfish	23
No license on person	2
Over weekly limit	2
No gauge	2
Shellfishing in closed area	1
Shellfishing without a valid permit	3
Shellfish in closed area (propagation area)	1
Shellfishing with prohibited device	1

Commercial permit holder harvesting in recreation only area	2
Suspension of Shellfish Permit	4

Propagation

The propagation program experienced challenges throughout the 2016 growing season. Seed orders arrived later than customary due to renovation of the Cape's only shellfish seed hatchery, Aquacultural Research Corporation (ARC) in Dennis. The quahog seed order also arrived sporadically and by mid-season, we opted to accept fewer but larger seed to fulfill the remainder of our seed order and to ensure better survival over the winter months. With Shellfish Revolving Fund monies, the Town purchased two million quahogs.

Three hundred thousand seed were purchased through Municipal Shellfish Program monies funded by the State and managed through the Barnstable County Extension Program. The Municipal Shellfish Program has since been cut from the State's FY17 budget and will affect next year's seed purchase. In addition, the Town purchased and raised 150,000 oysters through the four year Community Preservation Act Funds approved at the 2014 Annual Town Meeting. The Chatham Shellfish Company again donated approximately 12,000 seed oysters to the program. The upweller was shut down earlier than normal due to the construction project at Old Mill Boat Yard which prevented the raising of bay scallops, a late season crop. This is the second year the Division did not raise bay scallops and may correlate with dismal landings. The Division continues to hold its annual open-house of the upweller and hosted a number of educational tours and talks through the season. Our seasonal propagation assistants were returning college students with additional assistance from our Senior Tax Work-off member, Cape Cod AmeriCorps Individual Placement member, and AmeriCorps group projects. The equivalent monetary value of the combined work hours between our Cape Cod AmeriCorps Individual Placement and group projects was well over \$29,000.

In addition to serving as staff liaison to the Shellfish Advisory Committee, Division staff serve on the Board of Directors' of the Massachusetts Shellfish Officers Association, member of the Barnstable County Shellfish Advisory Committee, and a member of the AmeriCorps Cape Cod Alumni Panel. Division staff also worked closely with local and state officials to ensure public safety by assisting in water quality and shellfish testing.

In closing, the Division would like to thank our placements from the Senior Tax Work-Off Program, Fran Ellingham and Daniel Campanaro. Fran and Dan are a perfect fit and we greatly appreciate their efforts. Also, a big thank you to AmeriCorps Cape Cod members who assist us with our most physically challenging tasks. A thank you to our AmeriCorps Placements, Lauren Bonatakis and Tom Bryson who continue to collect data on an ongoing shellfish assessment project. Much appreciation to a dedicated staff of Deputy Wardens and seasonal propagation staff. And finally, a thank you to members of the Shellfish Advisory Committee who donate their valuable time advising the Board of Selectmen on the many issues affecting shellfish throughout the year.

WATER QUALITY LABORATORY

The assessment and protection of the Town's water resources (marine and fresh surface,

SHELLFISH

Commercial	269 @ \$250	\$67,250.00
Junior Commercial	14 @ \$125	\$1,750.00
Senior Commercial	34 @ \$ 60	\$2,040.00
Resident Family	1242 @ \$ 35	\$43,470.00
Resident Senior	455 @ \$ 15	\$6,825.00
Non-Resident Family	721 @ \$100	\$72,100.00
		\$193,435.00 Sub-total

In addition, 11 free Commercial and 51 free Resident Family shellfish permits were issued to residents 70 years of age or over who are domiciled in Chatham and had received a permit for no fee prior to April 1, 2004.

BEACH/TRANSFER FACILITY

1 st Beach	1,280 @ \$25	\$32,000.00
2 nd Beach	1,017 @ \$20	\$20,340.00
Transfer Facility, 1 st car in household	904 @ \$120	\$108,480.00
Transfer Facility, 2 nd car in household	425 @ \$25	\$10,625.00
Combination 1 st car in household	2,735 @ \$145	\$396,575.00
Combination 2 nd car in household	1,262 @ \$45	\$56,790.00
Recycling	1,072 @ \$5	\$5,359.00
Replacement	358 @ \$2	\$716.00
Weir Permits		\$0.00
Unallocated Funds		\$61.00
Misc.		-\$61.00
North Beach OSV	491 @ \$40	\$19,640.00
North Beach OSV Seasonal	10 @ \$20	\$200.00
		650,725.00 Sub-total

In addition 11 free OSV permits were issued to North Beach/North Beach Island property owners or resource agencies.

\$844,160.00 Grand Total

and groundwater) remained a primary area of activity for the Water Quality Laboratory (WQL).

The seasonal shellfish closure program, which affects Mill Creek, Taylors Pond, Bucks Creek, and Muddy Creek, continues to function well allowing these areas to open in the winter and spring when water quality criteria for harvest are met.

In compliance with the Massachusetts Beaches Bill, public and semi-public beaches were tested weekly during the swimming season (mid-June to Labor Day). 233 water samples were collected and tested, at the Barnstable County Health Department Lab, for *Enterococci* or *E. coli* bacteria from 19 locations (13 saltwater public beaches (156 samples + 2 re-tests), 3 freshwater ponds (39 samples), and 3 semi-public beaches (36 samples)). Based on the test results, overall the beaches met the required water quality standards for recreational use. There were a total of 7 "beach day" postings (No Swimming advisories) during the 2016 swimming season. All posting days occurred at Bucks Creek, likely related to higher average water temperatures and the influence of the surrounding wetlands.

Cockle Cove CREEK remains posted *No Swimming* per Order of the Board of Health due to naturally occurring elevated bacterial counts originating from the surrounding

wetlands. The Board's *No Swimming* posting of Andrew Harding's Lane Beach, due to concerns over strong currents and a steep drop-off to deep water, also remained in effect.

Beach testing results and closure notices continued to be posted at the Town Offices, Town Annex, Sticker (Permit) Office, and the Commonwealth of Massachusetts web site (www.mass.gov, go to beach testing).

The WQL continues to coordinate the volunteer Pleasant Bay Alliance Citizen Water Quality Monitoring Program and the *Chatham Water Watchers* Program to maximize data collection and effectively utilize limited resources. The *Chatham Water Watchers* is a volunteer-based monitoring program run in cooperation with the Friends of Chatham Waterways. The Friends are actively recruiting new members to join this program that remains integral to understanding the condition of our local waterways. More information is available at <http://www.chathamwaterways.org/>. The Coastal Water Quality Nutrient Monitoring Program had another very successful season in 2016 thanks to all the volunteers involved. The programs has 15 stations located throughout the estuarine waters of Chatham which were sampled twice monthly July through August and once in September yielding 110± samples for nutrient analysis. In addition, a

comparable number of field measurements for parameters such as temperature, dissolved oxygen, transparency, etc. were collected.

STICKER OFFICE

Through late spring 2016 the seasonal Sticker (Permit) Office was closed for the winter. During this time Transfer Station, Recycling, Beach, and North Beach Off-Road Vehicle (ORV) stickers, and Shellfish licenses were issued from Natural Resources Department located at the Town Annex.

The Sticker Office re-opened in late spring in the lower level of the Town Annex on George Ryder Road. Fran Ellingham was ably assisted by Susan Fleischmann & Mark Desmond in a commendable job running the busy summer operation!

Revenue for the Sticker Office for 20165 was \$844,160 up from 2015's figure of \$816,654.

The following fees were collected by the Sticker Office during 2016 (see above):

Following the mid-summer slowdown in walk-in activity staff continued data entry for implementation of e-permitting. Shellfish records are entered electronically and work is continuing on beach/transfer station. Due to ongoing data entry the Office remained open for the winter months, Monday to Friday, 10 AM to 1 PM.

Monthly Department reports are available on the town's website (http://www.chatham-ma.gov/Public_Documents/index) as part of Board of Selectmen meeting packets.

The DNR is grateful to all Town Departments and the public for their support, assistance, and cooperation during 2016. The Director would like to again offer thanks to the many volunteers of the Chatham Water Watchers.

The Department had several personnel changes in 2016. Paul Wightman became Part-time Assistant Conservation Agent, Molly Edson was hired as Conservation Agent, and Stephen Ward joined the Department as Part-time Health Inspector.

Special thanks are due the staff of the Department of Natural Resources as they continue to serve the citizens of Chatham with respect and professionalism.

Respectfully submitted,
Robert A. Duncanson, Ph.D.
Director of Natural Resources
Director, Water Quality Laboratory
Stuart Smith, Harbormaster
Judith Giorgio,
R.S., Health Agent
Molly Edson, Conservation Agent
Theodore Keon, Coastal Resources
Renee Gagne, Shellfish Constable
Jason Holm, Deputy Harbormaster
Paul Wightman,
Assistant Conservation Agent

Rachel Hutchinson, Propagation Specialist/Assistant Shellfish Constable
Mike Ryder, Coastal Facilities Manager/Wharfinger
Susan Rocanello, Harbormaster Office Manager/Assistant Harbormaster
Mary Fougere, Conservation Secretary
Dianne Langlois, Health Secretary
Sarah Griscom, Ph.D., Intermittent Environmental Technician

Park and Recreation Commission

In 2016 the Park and Recreation Commission continued with its mission of providing quality recreational programs and facilities to the residents and visitors of Chatham. The Park and Recreation Commission is a five member appointed Commission.

At the beaches non-resident beach parking receipts increased significantly as fees were raised this year to \$20 to park. Revenue totaled \$272,195. Resident beach parking sales were \$145,995. The Department also took in \$9,900 from leased concession sales at Veterans Field and the beaches. This summer had very good beach weather and this resulted in increased beach parking sales. The beach patrol continued to monitor Lighthouse Beach under a modified plan adopted last year. There were no significant safety issues at this beach. A new ATV was purchased for use to replace an older machine that needed to be replaced after years of use on the beach. White sharks were seen regularly off the outer beaches in Chatham but were not ever observed in the vicinity of Lighthouse Beach. Sharks are now being seen off the beaches of many Towns across the Cape.

In Chase Park the Godfrey Windmill was open 3 days per week from 11:00am to 3:00pm Monday, Wednesday and Friday and staffed with windmill attendants. The "Chatham Windmill Group" continued to help with organizing and staffing the mill for special event days in June and August when the mill is actually operated and grinding corn.

The new concrete skateboard park was open all of 2016 and is a popular attraction for many area skateboard and bike users. The skatepark can be used during the day throughout the year as weather conditions allow. The Department will be doing additional landscaping around this site in the coming year.

A variety of recreational activities are offered throughout the year for our youth. These include soccer, basketball, baseball, and softball. Additional classes in tumbling, arts and crafts, and music are also available. For teens there are dances, games, the skate

park and many trips to recreational, cultural and sporting events. Community involvement projects are also organized.

The Community Center continues to offer a variety of adult programming including fitness classes and recreational activities. Fitness classes that met on a regular basis include Aerobics, Yoga, T'ai Chi, "Boot Camp Chatham", Circuit Training and Zumba. Recreational activities included Badminton, Pickleball, Basketball, Futsal, Floor Hockey, and group Tennis Lessons. Many community groups meet at the Community Center to knit, rug hook, work on arts & craft projects, as well as to play card games and mahjong.

The Commission wishes to thank Robert Becker for his service on the Park and Recreation Commission. We welcome James DeVoe and David Eldredge, both appointed to the Commission this year.

The Commission wishes to thank the following groups and organizations for their generous support and donations in 2016: Chatham Athletic Association, Chatham Garden Club, Chatham Merchants Association, the Chatham Windmill Group, the World War II Committee and the Friends of Trees. We also thank the Building Maintenance and Highway Departments, the School Department and other Town Departments for their help throughout the year. We especially thank you, the citizens of Chatham, for your continued interest and support. Please call our Department with your thoughts and ideas, so that we may continue to work together in making Chatham a great place to live and play.

Respectfully submitted,
Meredith Fry, Chairman

Planning Board

The Planning Board (PB), with the support of the staff and director of the Community Development Department, meets twice monthly. Regular business items include, but were not limited to Site Plan Reviews, Subdivisions, ANR Plans, and proposed Zoning By-Law amendment recommendations to Annual Town Meeting (ATM). It should be noted that site plan review is primarily required for non-residential development. Thus, while the number of projects subject to this review is small in comparison to the volume of residential development that occurs, the projects and the related site plans tend to be more complicated in nature and with a great potential of impact on neighborhood and community character.

On Dec 15, 2015 and November 8, 2016 Robert Wirtshafter and Peter Farber respectively were appointed to the PB. Other members of the Board are: Peter Cocolis,

Chairman; Kathryn Halpern Vice Chairman; DeeDee Holt, Clerk; Bob Dubis and John Marsh.

During the year, considerable time was spent on a number of Planning Board sponsored proposals and a Board of Selectmen proposed zoning amendment for the ATM; public hearings on Citizens Petitions; joint public hearings with the HBDC and Tree Warden; and the initiation of joint meetings with interested groups on Chatham housing needs.

The 2016 ATM adopted six zoning bylaw amendments sponsored by the PB. Three (3) related to land use along the Route 28 corridor, to include the formalization of the South Chatham Neighborhood Center and three (3) related to land use in the flood plain. ATM also adopted one citizen's petition to delete three Flexible Development Overlay Districts (FDOD) and a Board of Selectmen sponsored map amendment at the fish pier. The PB held the required public hearings between January and April 2016 for these and an additional citizen's petition to remove the North Chatham FDOD which was not adopted.

In particular, the 2016 ATM amended various sections of two flood plain related overlay districts in the Town's protective (zoning) by-laws, the Flood Plain Overlay District and the Conservancy Overlay District. These more restrictive amendments are a result of two (2) years study, broad community outreach and feedback from the 2015 ATM. They provide a balanced approach that: a) allows equitable flood hazard mitigation in response to homeowners' desires to protect their homes from the risks of flooding; and b) address community desires to protect the environment and character of Chatham and limit the height of dwellings along the coast

A joint public hearing was held with the HBDC on April 6th to review field changes made during construction of the Cumberland Farms at 678 Main Street, which resulted in the HBDC issuing an amended Certificate of Appropriateness and the PB amending the approved Site Plan and Statement of Conditions. Subsequently, the PB denied a request by Cumberland Farms to allow this business to stay open 24 hours per day, 7 days per week between Memorial Day and Labor Day. At the direction of the Board of Selectmen, the PB and HBDC held hearings in September and October 2016 on the Landscaping Plan proposed by the Massachusetts Department of Transportation for the West Chatham Roadway project. The results were provided to the Board of Selectmen on December 6th.

Joint Shade Tree and Scenic Road public hearings were held with the Tree Warden that: a) Approved proposed removal of two

Planning Board	2013 Total	2014 Total	2015 Total	2016
# of Meetings	24	27	28	24
Subdivision				
ANR	8	11	5	10
Preliminary	0	1	2	4
Definitive/ Modified	2	2	3	3
Site Plans				
Pre-Apps	9	16	7	2
Formal	8	16	6	1
Amnd/Chg Use	8	9	15	7
Special Permits	0	0	0	0
ZBA Inputs	9	6	4	2
Bond Reduced/Cert Compliance	14	13	19	12
Total	58	74	61	41

trees at 321 Barcliff Avenue; and b) Approved with conditions proposed removal of nine trees along Champlain Road in connection with the proposed move of a historic structure from 181 Champlain Road to 43 Sears Road.

The PB approved a three lot subdivision at 78 Crowell Road that was later amended to designate the road layout as a fourth lot; and a two lot subdivision on Bridge Street with the second lot fronting on Silverleaf Road. On May 4th a preliminary subdivision plan was submitted to create a two lot subdivision at 1610 Main Street. In 2016 the PB did not complete its review of this preliminary plan because of a property line boundary dispute which needs to be resolved.

In July, the PB agreed on the following areas of focus for its next long range planning efforts:

- Housing needs
- Recommendations 8-10 in the Cape Cod Commission's 2014 Route 28 Corridor Visioning Report, which address: a) Parking and building setbacks in the neighborhood centers; b) Development scale in the centers, and c) Incentives to encourage the re-use of existing buildings and in particular historic structures, along the corridor
- Review of site plan review procedures, criteria, and requirements set forth in the Protective Bylaw

In addition, the PB asked staff to review and summarize bylaw amendments that were discussed between 2006 and 2012 but not put forward to Town Meeting.

Through October 2016, the PB collected fees of \$3950. The following table provides details on actions taken, but does not include the number of Public Hearings and community outreach on the proposed ATM amendments or the joint meetings held to review the West Chatham Roadway project landscaping

plans. The lower volume of applications before the PB in 2016 provided a fortunate opportunity to focus on long term planning efforts and to thoroughly consider the zoning amendments brought forward to the 2016 ATM.

**Respectfully submitted,
Peter Cocolis, Chairman**

Pleasant Bay Alliance

The Pleasant Bay Alliance (www.pleasant-bay.org) is an organization of the Towns of Chatham, Orleans, Harwich, and Brewster charged with implementing the Pleasant Bay Resource Management Plan. The plan encompasses the Pleasant Bay Area of Critical Environmental Concern (ACEC) and Pleasant Bay watershed. The Alliance develops public policy recommendations, technical studies and public education tools to support the Bay's natural resources and safe public enjoyment of the Bay. Highlights from 2016 are listed below:

The Pleasant Bay Citizen Water Quality Monitoring Program completed its 17th monitoring season. Trained volunteers collected samples at 25 bay-wide sites. Data from the monitoring program are used in local and regional nutrient management planning. The Alliance worked with the Coastal Studies Program-School for Marine Science and Technology at UMASS-Dartmouth to undertake an ecological assessment of statistical trends in the multi-year water quality data.

The Alliance continued its work with the Cape Cod Commission and MassDEP to spearhead a watershed approach to nutrient management. A presentation on the analysis was given to the Board of Selectmen in the spring, and a draft composite nitrogen management analysis was completed in December. This effort is intended to identify

opportunities to increase cost effectiveness and foster regional cooperation among efforts to reduce nutrient loads in Pleasant Bay.

The Alliance continued development of guidelines for managing shoreline erosion, with the release of draft guidelines expected in 2017. The Alliance also continued tide level monitoring in concert with the Center for Coastal Studies. The Alliance began work with the Center for Coastal Studies on a study to assess the effects of Sea Level Rise on the barrier beach and inner shoreline of Pleasant Bay. Also in 2016, the Alliance sponsored the placement of two acoustic receivers to monitor tagged shark activity at the entrance to Pleasant Bay.

The Alliance wishes to thank the citizens of Chatham for your ongoing support.

Respectfully submitted,
Jane Harris, Steering Committee
Chuck Bartlett, Steering Committee
Robert Duncanson, Dir., Natural Resources Department, Chair, Technical Advisory Committee
Ted Keon, Dir., Coastal Resources Dept., Technical Resource Committee
Renee Gagne, Shellfish Constable, Technical Resource Committee
Carole Ridley, Alliance Coordinator

Police Department

The Chatham Police Department continued its efforts to maintain the excellent quality of life and safety that defines Chatham. The Police Department continued to work with our citizens and business community to reduce criminal incidents and quality of life offenses. Criminal offenses were reduced by 29% in 2016 compared to 2015. There was an especially significant reduction in home break-ins or burglaries during this past year. This reduction helps Chatham to continue to be one of the safest seasonal tourist communities in the United States.

Although crime offenses were reduced significantly, calls for service to the Department increased by approximately 17% overall. Traffic accidents in particular showed an increase over last year. There was also an increase in firearms permits issued by the Department in 2016. The Department also provided safety and security coverage for numerous special events in Town. In 2016 there were more than twenty large special events in Chatham that the Police Department assisted with. In particular, the Independence Day Parade and Chatham First Night in 2016 were extremely well attended with record numbers of attendees.

The Police Department operated at full staffing for 2016 with the exception of one

dispatcher position. This position has been in the process of being filled and is expected to be completed in early 2017. All Police Officer positions have been filled with no turn-over in the past two years.

The great problem of opiate drug addiction, heroin, continues to be a concern for the Department and the community. Thankfully, there were no overdose deaths responded to by the Police Department in 2016 as there were in previous years. The Police Department developed a partnership with Gosnold, a substance addiction treatment and counseling organization, in December 2014. Officers in the Department have paired up with Gosnold counselors to assist Chatham citizens who may have drug addiction problems, making personal visits and providing assistance to them. This effort will continue and appears to have helped our citizens with drug addiction issues.

The Department built upon its efforts to effectively and appropriately respond to persons with mental health issues. New and additional training was completed by Chatham officers and supervisors, incorporating new responses and techniques for persons who are experiencing a mental health crisis. This continued effort in this area will improve our service to Chatham citizens and families during difficult times.

Finally, I want to express my hearty thanks to the many citizens of Chatham who took the time to write letters and emails to me about the good work being performed by Chatham officers and dispatchers. I received numerous letters, emails and telephone calls commending Police Department personnel for a job well done. I also want to thank all of the dedicated members of the Chatham Police Department, other Town departments, our citizens, our Town Manager, and our Board of Selectmen for their partnership and support of the Police Department.

Respectfully submitted,
Chief Mark R. Pawlina

Chatham Police Statistics 2016

Responses to Citizen Calls for Service:	26,405
Total Criminal Offenses:	317
Motor Vehicle Accident Investigations:	269
Total Arrests:	49
Citations Issued:	93
Juveniles Referred:	3
Motor Vehicle Enforcement Actions	1,602
Community Policing Interactions:	8,374
Parking Tickets Issued:	943
Film Permits Issued:	3
Firearms Permits Issued:	86

2016 Chatham Police Department Personnel

Administration

Mark R. Pawlina, Chief of Police
 Deputy Chief John D. Cauble
 Lieutenant Michael D. Anderson
 Melanie Boutin, Administrative Assistant

Sergeants

William R. Glover
 Andrew B. Goddard
 Sarah A. Harris
 William G. Massey

Detective

Louis F. Malzone

Court Officer/Records Facilitator

Geoffrey E. Phillips

Police Officers

John R. Whittle
 William S. Little
 Michael A. Murphy
 Joshua S. Wisniewski
 Andrew P. Hutton
 Thomas J. Powers
 Sean P. Ryder
 Christopher Merigan
 Christopher Vardakis
 Joseph Amara
 Brendan Walker
 Mark Pasioneck

Police Dispatchers

Erin Hemeon
 Amanda De Oliveira
 Brendan Cronin

Reserve Officers

Robert Finacom
 Brendan Cronin

Animal Control Officer

Diane Byers

Principal Projects and Operations

The Principal Projects and Operations Department is focused on the coordination of special projects and the supervision of facilities operational staff and functions. The primary goal of the Principal Projects and Operations Department related to its projects role is for coordinated planning and implementation activities to produce projects meeting the identified needs of the community and staff. Another goal is continuing to provide support to assigned Committees for the completion of their tasks, by providing research, coordination activities and information/data to help them comply with statutory responsibilities and help meet their objectives and desired outcomes.

The top priority for operations is assuring the functional continuity of Chatham's buildings for both the short and long term benefit of the Town's residents and staff by providing efficient, effective operation and stewardship of all facilities. This emphasis on maintaining Chatham's municipal buildings provides an environment for all departments to meet their baseline needs for the continued delivery of a high level of public and customer service.

Projects

Several significant projects reached key milestones in 2016, including the following:

- **West Chatham Roadway Design Project** – Continued progress with MassDOT with the 100% Design Submission milestone achieved in July 2016. The project is supported by MassDOT, scheduled on the TIP for Advertisement on 11/11/2017 and is programmed for State funding and construction in FY18.
- **Fire Station Headquarters Project** – Occupancy of the new Fire Station Headquarters was achieved in May 2016 meeting the move-in target of summer 2016 and the project was completed approximately \$400,000 under budget.
- **Crowell Road Intersection Project** – Continued work on developing design alternatives as part of the pre-25% Design Process for this MassDOT 2021 TIP project. Coordination meeting held in January 2017 with MassDOT with Public Information meetings targeted in spring 2017. Evaluation of intersection improvements alternatives will be continuing into 2017 working towards submission of 25% Design to MassDOT.
- **Cape and Vineyard Electric Collaborative** - Continued coordination with the Energy Committee and CVEC in 2016 to take advantage of opportunities to offset the Town's energy costs via "off-taker" agreements for Net Metering Credits and exploration of other renewable energy opportunities.
- **Airport Five-Year Capital Plan** – Following up on the approval of funding received at ATM 2016 for its five-year capital plan the Airport Commission has been working with its consultant pursuing the purchase of snow removal equipment and Town staff procuring contractors for work to be completed on Town owned buildings at the Airport in 2017.
- **Council on Aging Facility / 127 Old Harbor Road Planning** – Made kick-off presentations to the Board of Selectmen (BOS) on the potential reuse of 127 Old Harbor Road (former Water and Sewer Department Office) and the potential alternatives for a new Council on Aging (COA) facility. Fol-

low up work in 2017 includes developing a space needs program and completing site selection analysis for presentation to the BOS.

- **FAA Land Use Compliance** – Coordinated the initiation of addressing actions items to support the Town's Corrective Action Plan (as sponsor) to maintain federal funding.

Facilities

On the operational side, the Department's activities include the oversight of the Town's buildings with facilities staff responsible for maintaining the condition of municipal buildings in Chatham. In addition to daily routine duties (building rounds, general monitoring, and preventative maintenance inspections), supporting scheduled visits by contractors to maintain various building systems (HVAC, fire protection, alarms, elevators, plumbing, and electrical), seasonal storm preparations/responses and snow removal. The following highlights of 2016 accomplishments include:

- **New Vehicle** – Following up on funding from ATM 2016, the primary response vehicle for the Facilities Division was replaced with a new truck in the fall.
- **Voting Support** – 2016 was a busy year supporting the Town Clerk's office with four elections (Presidential Primary, Annual Town, State Primary and Presidential) and early voting setups, breakdowns and logistics.
- **Information Booth** – Made repairs to the Chamber of Commerce Booth on Main Street including shell and decking repairs.
- **Facilities Planning** – Initiated preliminary activities for setting up a computer work order system and scheduled preventative maintenance program for the Town's primary buildings and systems.
- **Terminal/Hangar Building** – Coordination of an energy audit by the Cape Light Compact at the Chatham Airport with projected annual savings of over \$4,700 resulting from energy saving devices installed.
- **Painting Projects** – Completion of exterior painting projects at the Bassett House and the Community Center's cupola. In addition to the above projects many small scale exterior painting projects were addressed as well.

Respectfully submitted,
Terence M. Whalen, Administrator

Department of Public Works

Customer service is a primary goal of the Chatham Department of Public Works and our focused effort is to provide rapid and friendly service responses which are inviting, helpful, and courteous to all who contact any employee of the DPW.

HIGHWAY DIVISION

The Chatham Highway Division is responsible for maintaining over 67.41 miles of 203 Town owned roads, over 10 miles of sidewalks, and Town parking and paved areas. This includes but is not limited to cleaning and repair of drainage structures, sweeping, brush clearing, mowing, and snow removal of roads and parking areas. The Highway Division coordinates Capital Improvement Projects which involve Chatham roadways using Chapter 90 State Aid or Town authorized funding. The Division also reviews and approves Excavation/Trench Permits and Driveway permits. The Highway Division is also responsible for repair and maintenance of vehicles of the Highway, Transfer Station, and various equipment from other departments. Route 28 is the responsibility of the Massachusetts Department of Transportation for road maintenance, litter cleanup, snow plowing and sanding, etc.

This past winter 87 of 413 private roads were not plowed or sanded because of their unsuitable condition. Residents of these roads were notified in October and December as to what repairs were needed to their road so they could receive plowing and sanding services. Once improvements to the roads are made, bringing them to an acceptable standard, residents are encouraged to call to have their street re-inspected.

The winter of 2015/2016 we plowed 3 times and sanded 13 times placing 840 cubic yards of a sand and salt mixture over the roads or 146 loads

In fiscal year 2016, 275 excavation/trench permits and 8 driveway permits were issued. This permit system requires the inspection of all driveway permits before issuance and re-inspection of both after completion.

Top course of bituminous concrete pavement was placed on the following roadways as part of the roadway completion work associated with the Sewer Installation Project: Chatham Heights Road, Harding's Lane, Stepping Stones Road, Elizabeth Lane, portion of Stage Harbor Road, as well as the overlay and completion work for the Marconi/MCI Complex. The DPW also installed new Handicap ramps at approximately 69 Main Street.

SOLID WASTE DIVISION

The Chatham Transfer Station / Solid Waste Division provides waste disposal services to the community by receiving and transferring various materials to the SEMASS Waste to Energy facility, and various recycling facilities. This includes Municipal Solid Waste, construction demolition, glass, plastic, cardboard, newspaper, metal, and various other recyclables. The Solid Waste Division coordi-

Items	2016 Tonnage	2015 Tonnage	% change from 2015
Glass all colors	286 Tons	209 Tons	37% increase
Aluminum and Tin Cans	14 Tons	14 Tons	No change
Plastics	143 Tons	105 Tons	36% decrease
Mixed Paper	363 Tons	311 Tons	17% increase
Mixed Recyclables (single stream)	240 Tons	184 Tons	30% increase
Cardboard	400 Tons	325 Tons	23% increase
Textiles	18 Tons	45 Tons	60% decrease
Gift Shop	50 Tons	50 Tons	No change
Scrap Metal	183 Tons	151 Tons	21% increase
Books	37 Tons	26 Tons	42% increase
Compost taken by residents	5280 Tons	1760 Tons	200% increase
Food waste	28 Tons	12 Tons	133% increase
TV/CRT's	55 Tons	40 Tons	38% increase
White goods	36 Tons	10 Tons	260% increase
Construction waste	1238 Tons	829 Tons	49% increase
Auto Batteries	150 Pieces	150 Pieces	No change
Used Engine Oil	710 Gal.	1418 Gal.	49% decrease
Used Antifreeze	55 Gal.	55 Gal.	No change
Tires	394 Pieces	220 Pieces	79% increase
Propane Tanks	106 Pieces	106 Pieces	No change
Paint	330 Gal.	220 Gal.	50% increase
			100%
Rigid Plastic	0 Tons	12 Tons	decrease
Wood chips	350 Yards	350 Yards	No change
Brush	393 Tons	280 Tons	40% increase
Oil Filters	0 drums	0 drums	No change
Batteries, rechargeable	0 boxes	8 boxes	100%

nates Capital Improvement Projects which involve on-going improvements to the Town of Chatham Transfer Station facility.

Our goal is to recycle as much of the refuse arriving at the Transfer Station as possible. Aside from being better for our environment, this reduces the volume of trash sent to SEMASS, which reduces costs. The facility is laid out to make it easy and convenient to recycle various materials. If there is any question on what can be recycled or how it is to be prepared, please feel free to call the Transfer Station (508-945-5156).

The above materials were recycled from January 1, 2015 through December 31, 2015:

The more we recycle, the more we will save on the current disposal price of \$60 per ton at SEMASS. In 2016, approximately 5,675 tons of solid waste was transported to SEMASS.

WATER DIVISION

The Water Division strives to improve the quality of water provided, increasing customer service, and provide a high level of reliability to the water supplies and distribution system to ensure the Town has safe drinking water and the required flows for firefighting. The Water Division plans to continue to im-

prove on its services by performing the following projects: dissemination of information on the Division's water quality and services by preparing and mailing the "Chatham Water News" to all water customers; providing the "Chatham Water Division Water Quality Report" to all water customers, performing a valve exercising program with the spring water system disinfecting and flushing program; maintaining all public fire hydrants and perform fire flow tests; optimizing the corrosion control system to ensure the water system continues to meet lead and copper regulations; cleaning, painting, and keeping

organized all well pumping stations; updating water main and service records; maintaining and replacing water meters; and optimizing the accuracy of all existing and new accounts on the Town's centralized computer system.

WATER CONSUMPTION

Total water pumped each month from all wells:

	(In Gallons)
January	19,169,000
February	18,656,800
March	19,490,400
April	21,736,700
May	44,406,400
June	77,930,400
July	99,115,400
August	97,926,200
September	65,444,300
October	36,628,600
November	19,570,300
December	18,957,600

Total Water pumped in 2016 =

539,032,100 gallons

Billed water = **500,683,524** gallons

Increased amount of water pumped in 2016 compared to 2015 = **4,452,900** gallons

Water used for Well Treatment Operations = **3,494,030** gallons

Water used for Flushing & Blowoffs = **16,455,289** gallons

Water used for New Main Activations = **538,875** gallons

Water used by Fire Flow Testing = **140,240** gallons

Water used for Fire Dept Usage = **694,900** gallons

Water used for Hydrant Maintenance = **48,000** gallons

Water used for Highway & Landfill Use = **522,425** gallons

Water used for WWTP / Jetting = **90,100** gallons

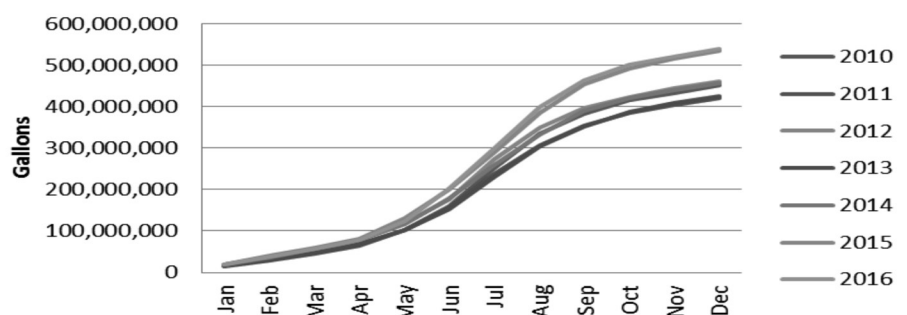
Water used for other known Usage = **127,550** gallons

Water used due to tank overflow = **0** gallons

Water used for construction = **0** gallons

Water used for Tank Draining = **1,135,530** gallons

Water Pumpage 2010 through 2016



Unaccounted water = **23,246,939** gallons
or 2.8 percent (well below the standard 10 %)
Number of new water customers added to the
system in 2016 = **69**

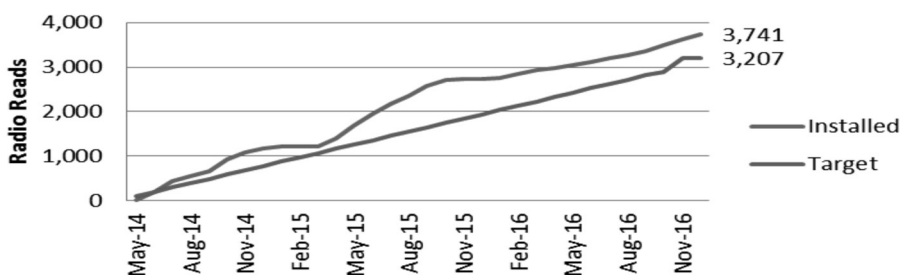
Distribution System – We continue to replace water services which were installed using pipes made from lead, steel or copper to improve the quality of water to the customers whose water is delivered to them via these types of old pipes. When a customer replaces the private side of their water service, the Water Department replaces the public side or street side of their water service. Replacing these old pipes will conserve water by preventing the waste of water through possible leaks.

- In February 2016, a small water main was installed and activated off of Cross Street.
- In April 2016, a small water main was installed for the Habitat for Humanity project located behind the Hook Fisherman Association.
- In April 2016, the emergency generator for the water storage tanks and Fire Department radio equipment was replaced.
- In May 2016, the 1.25 MG water tank's defective interior coating was repaired.
- A voluntary water restriction was enacted on June 15, 2016 due to continued water demands.
- In September 2016, we replaced the aging and undersized water mains located on both Northwood and Edgewood Drives with eight inch (8") ductile pipe.
- In October 2016, we replaced the failing FAA lights located on top of the 1.25 MG water storage tank.
- The Department continued with a water meter change out program which, once fully implemented, will free up the existing staff to operate the future Iron Removal Facility.

Station Maintenance

- Routine and annual maintenance and housekeeping was performed at all stations throughout the year.
- In January 2016, National Grid replaced the two gas meters at the South Chatham Station.
- In May 2016, the Department held its annual "Open House."
- Trainingfield Wells #5 & #8 Emergency Generator – In an effort to provide uninterrupted water during power outages, the Department awarded EW Audet a \$98,500 contract in June to furnish and install a 150 KW natural gas emergency generator. The delivery and commencement of the installation of the generator and associated equipment occurred in November 2015. Final completion occurred in June 2016.

Radio Reads Installed vs Target May 1, 2014 through Dec. 31, 2016



Water Sampling

- In February 2016, second quarter samples were taken for Trihalomethanes, Haloacetic Acids, Nitrates, Sodium and Secondary Contaminants.
- In June 2016, 30 bacteria samples were taken and the results reported to DEP. We had one detect of total coliform in Well 2 raw water. As this well is 4 log virus removal certified this was not a violation. We also had one total coliform positive sample at Silverleaf Avenue. Repeat samples were all clean so this detect was not a violation of the Revised Groundwater Rule.
- In September 2016, 36 bacteria samples were taken and the results reported to DEP. Two separate samples came back positive for total coliform, negative for E Coli. Repeat samples taken all came back clean. As such we remained in compliance with the Revised Total Coliform Rule.
- In November 2016, the Department was notified of both reduced sampling sites and frequency due to historically low results.
- Water Quality – Statistical Water Division information can be found under the Water Division Annual Statistical Report and its Consumer's Confidence Report on the Town of Chatham's website <http://www.town.chatham.ma.us>.

Capital Water Projects

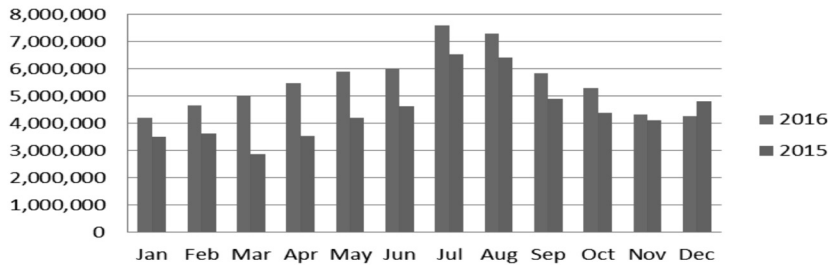
Iron Removal Facility – This project includes the construction of a new 2.02-million gallon per day pressure filtration water treatment plant (WTP) to improve the water quality from Wells 6, 7 and in the near future Well 9. The iron and manganese levels from Wells 6 and 7 are above the secondary maximum contaminant levels (SMCL) set by the DEP for iron and manganese. The new WTP will remove the naturally occurring levels of iron and manganese to levels less than the DEP and EPA standards. The design and permitting for the new WTP started in March 2014 and funding for the construction of the facility was approved by Town Meeting in

May 2014. The WTP will be located at 375 Morton Road. On Dec 31, 2014 MADEP issued the Project Approval Certificate to allow the Town to construct the project with a low interest SRF loan. The project was publicly bid in January 2015. Unfortunately, the lowest responsive bid came in higher than the appropriation. In response to this, Town Officials, the Design Engineer and Owner's Project Manager (OPM) performed a "value engineered" review on the original design in an effort to identify potential cost savings. In May 2016, Town meeting overwhelmingly approved supplemental monies to complete the redesign and construction of the much needed water treatment plant. Barring any unforeseen circumstances, we anticipate the completion of construction in the spring of 2018.

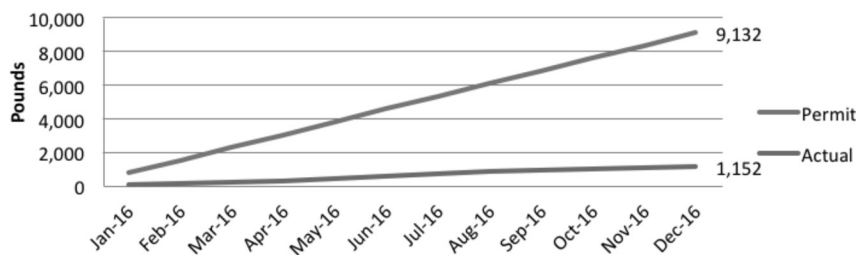
SEWER DIVISION

The Sewer Division strives to improve the quality of wastewater treatment, increasing customer service, and providing a high level of reliability to the sewerage system to ensure that the Town has a healthy environment. The Sewer Division plans to continue to improve on its services by performing the following projects: disseminating information on the Division's services by publishing articles in the "Chatham Water News" and mailing it to all water customers; performing a spring and fall wastewater collection system flushing program; optimizing the wastewater treatment's nitrogen control system to ensure the system removes the maximum amount of nitrogen from the wastewater that the facility can achieve; cleaning, painting, and keeping organized all pumping stations and the treatment facility; updating sewer main service records; maintaining the equipment at the Water Pollution Control Facility and associated sewage pump stations; and optimizing the accuracy of all existing and new accounts on the Town's centralized computer system.

Effluent Flows 2016 vs 2015



Total Nitrogen Effluent January through December 2016



Treatment & Pumpage - The Sewer Division collected, treated and discharged a total of 65,749,156 gallons of water which calculates to an annual daily average of 180,135 gallons. Included in the total gallons collected treated and discharged were 829,761 gallons of septage and 134,365 gallons of grease from various Chatham residents and local businesses. The facility successfully removed 152,832 pounds of Biochemical Oxygen Demand (BOD) and 321,930 pounds of Total Suspended Solids (TSS) from the waste received at the treatment facility. The treatment facility was able to maintain its biological nitrogen control process and meet its permit's Total Nitrogen limitation of less than 10 parts per million (ppm) and maximum annual Total Nitrogen discharge loadings of 9,132 pounds. By the end of calendar year 2016, the facility discharged a total of 1,152 pounds of Total Nitrogen which is well below the permit of 9,132 pounds.

Sewer Project - In May 2014, Town Meeting appropriated a further \$17,500,000 to complete Phase 1C of the sewer expansion plan. Phase 1C continues sewer extensions in the Oyster Pond and Little Mill Pond watersheds. Contract 1C-1 (D&C Construction of Rockland, MA) is 100% complete. This contract provided sewers on Homestead Lane, Chatham Heights, Old Main Street, Wood Valley Road Extension, Oyster Pond Furlong, and portions of Old Queen Anne Road,

Wilfred Road, Stepping Stones Road, Stage Harbor Road, and Main Street. The next sewer contract (1C-2) is expected to begin construction in 2017. This is for sewer construction along Wheldon Way, Village Landing, Oyster Bluff, Tabitha Terrace, Independence Lane, Inlet Road, Shattuck Place, Shattuck Lane, Spinnaker Lane, Earle's Way, Janes Way, Gristmill Lane, Tide Mill Lane, Absegami Run, Oyster Pond Lane, Wineberry Lane, and The Cornfield. In addition, an upgrade to the 40+ year old Mill Pond pumping station is nearing the completion of its final design.

Sewer Connections - There are currently 892 properties connected to the sewer mostly around and along Main Street. Since January 2016, there have been an additional 108 sewer connections.

Public Outreach - In May, an Open House was held at the Water Pollution Control Facility.

Respectfully submitted,
Thomas P. Temple, Director

Railroad Museum Group

The Chatham Railroad Museum attracted 5,306 visitors in 2016. Cash donations by visitors totaled \$4,124.50.

We would like to thank the numerous individuals who volunteer their time, energy, and knowledge to sustain the Chatham Railroad Museum as a local summertime tradition.

The Museum Group looks forward to the

completion of the rehabilitation and historic preservation of the 1910 Caboose. Funding was approved for this project at the 2014 Annual Town Meeting and work began in the spring of 2016. Also underway is the updating of the 2004 inventory of the Museum collection.

Respectfully submitted,
James Aaron
Don Aikman
John E. Gulow
Steve Hart
Ron Kelley
Bill Koerner
Ryder Martin
Ralph Pape
Robert Shafter
William Tuxbury
Malcom F. Ward
Dick Boberg, Associate

Shellfish Advisory Committee

The protection of Chatham's fragile shellfish habitat was of pressing importance to the Shellfish Advisory Committee during all of 2016 due to continued spike in hard structure and stone revetment applications to the Conservation Commission. The Shellfish Advisory Committee remains deeply concerned about the potential loss of irreplaceable shellfish habitat due to the current systematic trend of armoring Chatham's coastline and will continue all efforts within its purview to protect this public trust for Chatham's current residents and future generations.

The Shellfish Advisory Committee (SAC) is an advisory committee to the Board of Selectmen and is comprised of seven members that meet monthly. It was originally appointed by the Board of Selectmen in 1967 to determine the most productive use of the Town's vital shellfish resources. The Committee also advises the Shellfish Department on fishery management, shellfish propagation, and regulations. Along with Chatham's Shellfish Regulations, the Committee references the Town of Chatham Bylaw 272 (Wetlands Protection), 310 Massachusetts Code of Regulations 10.00 (Wetlands Protection, and Massachusetts General Laws Chapter 130, 91 and 131 (Marine Fisheries, Waterways and the Wetlands Protection Act, respectively) for decisions pertaining to shellfish habitat and resources.

In 2016 the Shellfish Advisory Committee convened in open meeting 11 times for an approximate total of 18 hours, 39 minutes, and 26 seconds. The Committee took some 18 different votes with discussion and deliberation on 22 different agenda topics such as:

- Continued review of approximately 10 new Revetment & Hard Structure Proposals to the Conservation Commission
- Review of the Shellfish Advisory Committee Mission Statement
- Change in Oyster Season Opening
- Discussion with Harbormaster Stuart Smith on Safety & Lifesaving Protocols on Monomoy for Shellfishermen and the General Public.
- Record of Decision & Final Monomoy CCP issued by U.S. F&W.S.
- In-State Sale of Undersized Aquaculture Reared Shellfish
- Shellfish Grants in Chatham
- Purchase of Eldredge Dock at Stage Harbor
- Docking Fees & Sale of Shellfish on Western Side of Chatham Fish Pier
- Conservation Commission Appointees by BOS
- SAC correspondence to Congressman William Keating re: the filing of Monomoy legislation
- Seed Reclamation Pilot Program
- Wild Oyster Fishery in Chatham
- Shellfish Advisory Committee Re-Organization of Officers
- South Beach Boundary Clarification
- Ryder's Cove Bulkhead Improvement Suggestions
- Shellfish Habitat & Restoration
- 90 Bridge Street Property Discussion with Waterways and South Coastal Harbor Management Committees
- Support for the full reading of all public and committee correspondence to other, committees, commissions, & boards.
- Purchase of CCF Property off Ridgevale Road South by Town of Chatham for \$50K
- Boat washdown/powerwashing at Ryder's Cove and Old Mill Landings
- Monthly review of Shellfish Department updates

The Shellfish Advisory Committee's monthly meetings are available for viewing on The Town of Chatham website: (http://www.town.chatham.ma.us/Public_Documents/ChathamMA_CH18/Ch18) and the Committee equally welcomes and encourages members of the public to attend and participate in all of its meetings. Special thanks to Bill Barabe for the volunteering of his time as the SAC's newest member as of 2016. Equally special thanks to the Board of Selectmen and our Selectman liaison Seth Taylor for their joint efforts and vigilance in securing Chatham's vital rights to South Beach and Monomoy.

**Respectfully submitted,
Jamie Bassett, Chairman**

South Coastal Harbor Plan Committee

We wrote to Maura Healey, MA Attorney General, seeking her support in defending the Commonwealth's ownership and the Town of Chatham's management of the waters and sub-tidal lands to the west of the Monomoy National Wildlife Refuge. Our letter was co-signed by the chair of the Shellfish Advisory Committee. Ms. Healey has stated her intent to file suit against the US Fish & Wildlife Service if they do not change their position on ownership. Simultaneously, Congressman William Keating filed federal legislation that would confirm continued Commonwealth ownership below the Mean Low Water line by Act of Congress. We are united in our opposition to the claims of ownership by the US Fish & Wildlife Service.

We discussed with staff and the Planning Board new floodplain maps and their implications for the waterfront, particularly toward reducing flood damage. We were briefed on issues and proposed zoning bylaw language related to the elevation of structures and requirements for freeboard. We also reviewed potential conflicts associated with raising building heights. The language resulting from Planning Board meetings with many groups, including ours, was presented and approved as changes in the Town's Protective (Zoning) Bylaws at the May 2016 Town Meeting.

The reconstruction of the original T-pier at 90 Bridge Street was completed, as was removal of the larger, more dilapidated of the two structures on the site, as recommended by SCHPC.

We urged the Town to commence work with STANTEC, the consultants hired to develop the site reuse feasibility plan for 90 Bridge Street. They made their initial presentation to SCHP, Shellfish Advisory, and Waterways Advisory Committees in November. We provided both written and oral input. There was unanimous support for a new state-of-the-art upweller facility to be built, ideally, over the water adjacent to the Mitchell River Bridge. The balance of the site is to provide for public use and access, including handicapped, to Stage Harbor. SCHPC was unanimous in urging removal of the existing ramp. STANTEC's plan is to be presented to the Board of Selectmen in spring 2017.

The new upweller would benefit all of the Town's 3000 shellfish permit holders and has the capacity to increase commercial landings by up to 50%, from a range of \$1.5-6,000,000 annually to \$2.2-9,000,000 annually. This would complement the reliable source of shellfish seed now available from the rebuilt Aquaculture Research Corporation

(ARC) in Dennis.

We supported the work of the Town, the Shellfish Constable in particular, in submitting a Saltonstall-Kennedy grant application for the engineering and design of a new upwelling facility.

We endorsed the Shellfish Advisory Committee's efforts to ban the sale of "petit" undersized quahogs in Massachusetts which would have undermined the wholesale market value of quahogs for "wild" shellfishermen in Chatham and other communities. They were successful.

We supported the Town's acquisition of the Eldredge Pier adjacent to the Town-owned Old Mill Boatyard/Harbor Master's Office. This pier is a component critical to the Town's commercial fishing industry. The pier may become an even more vital offloading facility if changes in the two inlets to Chatham Harbor require some vessels to relocate to Stage Harbor. We recommend development plans for the pier be coordinated with the adjacent Stage Harbor Yacht Club.

We were pleased to see work commence on reconstruction of the bulkheads and other much-needed repairs on the Old Mill Boatyard, funded primarily by the Commonwealth.

Shoreline erosion and stabilization efforts continue to be a major concern to the Town and to this committee. We strive to reach a balance between preserving the natural forces required to maintain our beaches, marshes, and marine habitat, the need for the public to have access to water and to boats, and property owners' rights to protect their homes. The "Spectrum" approach to identifying appropriate erosion control alternatives developed by Woods Hole Sea Grant/Barnstable County Extension Service, is on our SCHP website. We provided comments on various proposals for erosion control projects and other shoreline structures to the Conservation Commission and the Zoning Board of Appeals, as necessary, consistent with our role as stewards of the South Coastal Harbor Plan.

Sea level rise is the subject of a study commissioned by the Pleasant Bay Alliance (PBA). This Committee will use the results of that study in examining the effects of sea level rise for the areas within the South Coastal Harbor Plan. We will also build upon PBA's "Guidelines for Managing Erosion in Pleasant Bay," adapting it to the South Coastal Harbor Plan.

Interim repairs were made at Battlefield Landing and we reviewed preliminary plans for improving drainage and paving. We asked that it be done in a way that preserves the rural character of the roadway and landing.

This is part of our larger concern for Town landings and their overuse by cars and dinghies. We supported the Waterways Advisory Committee's initiatives to restrict parking at Battlefield and Sears Road Landings to residents, taxpayers and mooring permit holders.

We proposed that the Town consider a bond issue to fund the substantial capital improvements to our waterfront facilities while interest rates are relatively low.

Dredging and beach nourishment will be on our agenda for the coming year.

We thanked Martha Stone for her work on this committee, over more than 22 years since the inception of the Stage Harbor Plan, and welcomed Kristen Andres as her replacement.

**Respectfully submitted,
Michael Westgate, Chairman**

Summer Residents Advisory Committee

The Summer Residents Advisory Committee (SRAC) had a very active year. Including the Summer Town Meeting, SRAC met on eleven separate occasions.

For the third consecutive year, SRAC met in advance of Annual Town Meeting to consider the 2016 Town Meeting warrant articles. On May 6 2016 SRAC voted to support articles 13,14,15,20, and 22 which included the Other Post-Employment Benefits (OPEB) Trust Fund, the Water Capital items, the Fish Pier Improvements and the 3 Champlain Road acquisition, all of which passed. SRAC decided not to take a position on a number of articles. Representatives of SRAC attended Town Meeting to be available to express the position of SRAC on the foregoing warrant articles should that prove necessary.

SRAC devoted its June 17, 2016 meeting to planning for its summer activities. Committees were formed and staffed to be available to address issues in the following areas: Town Finances and Other Post-Employment Benefits, Wastewater and Water Usage, Coastal Protection, Parking, Tax Exemption, and Town Planning and Zoning. Each of the committees met separately thereafter to organize and to later inform SRAC of ongoing activities. SRAC also began to set up its list of speakers for the summer.

At its June 24, SRAC had the opportunity to hear from Jeffrey Dykens who spoke on several issues the Board of Selectmen (BOS) intends to address. Among the issues addressed by Selectman Dykens were efforts to pursue federal legislation on Monomoy. Selectman Dykens also spoke about water use and wastewater treatment and other matters on the Selectmen's agenda. In addition, since the BOS would conduct a public hear-

ing on the Tax Classification issue sometime in September, the SRAC prepared a report setting forth its position on the application of a tax exemption to Chatham, together with supporting facts, published it on the SRAC website and distributed it to the BOS.

Town finances are always high on the list of issues to be addressed each year by SRAC. This issue was addressed by Jill Goldsmith at SRAC's June 24th meeting. The issue was also the focus of SRAC's July 8th meeting, where it was addressed by Alix Heilala and Stephen Daniels, the new Chairman of the Finance Committee. Both addressed OPEB and capital and other expenditures. SRAC's work on Town finances is summarized in the "Chatham Scorecard," presented at the Summer Town Meeting and published on the Town website. SRAC also adopted the following Position statement on OPEB:

"As in the past, the Committee reviewed the Town finances and is pleased that the Town continues to be managed in a fiscally prudent manner. During the last several years, the Committee has recommended budgetary constraints. We continue to believe that every effort should be made to limit expenses while maintaining essential Town services so that the average single family tax bill does not increase at rates greater than inflation."

"An important budgetary issue that remains outstanding is the funding of OPEB. In August of 2015, the Committee submitted a Position Paper to the BOS recommending that OPEB be funded annually in an amount not less than the actuarially determined 'Annual OPEB Cost.' In that Position Paper, we set forth several alternatives for funding OPEB. We are very pleased that the Town has created a Board of Trustees which will review and make recommendations regarding the funding of OPEB, and refer the BOS and the newly appointed Trustees to the SRAC Position Paper on this important issue."

The Parking Committee met with Deanna Ruffer, Director of Community Development, and determined that, as downtown parking was now being addressed by the Merchants Ad Hoc Committee, it would meet with their representative to discuss their progress. Work on addressing the problem of parking at or near the Fish Pier did not appear to be the subject of any significant activity by the Town. The SRAC concluded that while progress in resolving the problem was stalled, it was important to address the issue of safety now and not put it off until everything else was resolved. Accordingly, the SRAC prepared a Report described as "Safety First" which it submitted to the Selectmen and published on the SRAC website.

At its July 15 meeting, SRAC met with the Harbormaster to discuss matters in his division. Harbormaster Stuart Smith discussed the need for qualified personnel to work over the summer and the difficulty in obtaining such help. Discussion of parking at the Fish Pier indicated that there are now 90 parking spots available-60 in the upper lot and 30 in the lower lot.

At its meeting on July 22, SRAC was fortunate to hear from Dr. Robert Duncanson, Director of Natural Resources, about issues regarding water supply and the Town wells. We also discussed the Wastewater Treatment Program and the ongoing work to sewer the Town over Phase 1 and Phase 2 of the program and the sharing of capacity with Harwich. As a result of information developed at and before this meeting, SRAC adopted the following Position on Wastewater:

"The Committee continues to closely monitor the progress of the implementation of Phase 1 of the Comprehensive Wastewater Management Plan, including the current negotiations ongoing between Chatham and Harwich, under which Chatham would take wastewater flow from East Harwich. If Chatham and Harwich enter into an Inter-Municipal Agreement (IMA), we believe that the resulting construction project should be undertaken simultaneously with the continued extension of sewer lines in Chatham neighborhoods. While there are benefits for both parties if an IMA is signed, it should not result in a delay of the priority of sewerage all of Chatham,"

On August 2, 2016 SRAC sponsored the Summer Residents Town Meeting. In accordance with our plan for the meeting we started with an overview of SRAC projects undertaken to benefit Chatham. Selectmen Cory Metters then spoke for the BOS and was followed by Town Manager Jill Goldsmith, Finance Director Alex Heilala, SRAC member Jill McDonald and Director of Coastal Resources Ted Keon. The management by Moderator William Litchfield allowed over one half hour of questions from the floor. In addition we understand that many people viewed the program on the internet and likely on television. We wish to thank the Selectmen and Town employees who attended and were generous in making themselves available to assist in responding to questions.

At its August 5th meeting SRAC met with Ted Keon and Conservation Agent Molly Edson who discussed issues relating to Dredging and Erosion. Dr. Duncanson returned to discuss the current work on the Fish Pier. The Committee also heard from Shane Coughlin who explained the important and impressive work that Monomoy Community Services

was doing and the opportunities it made available to 200 families in Chatham last year.

SRAC met with David Oppenheim as the representative of the Chatham Merchants Ad Hoc Committee on parking at its August 12 meeting, and discussed their progress in addressing employee parking. We also discussed the Eldridge Garage Property. After the meeting the Committee members went to the Fire Station to view the new facility in the company of Chief Michael Ambriscoe and Deputy Chief Peter Connick.

At its last meeting of the summer on August 19, the SRAC viewed a video and heard a presentation from representatives of the Chatham Affordable Housing Committee. SRAC heard from Shirley Smith, Karolyn McClelland, Alan Mowry, John Stewart, and Community Development Director Deanna Ruffer, about the programs being conducted and the excellent work that was being done. Police Chief Mark Pawlina presented data dispelling some of the perceived negative aspects of affordable housing. The program elicited many questions from the SRAC members. After beginning our planning for the next year and adopting our reports we adjourned for the summer.

SRAC wishes to thank the Board of Selectmen and the permanent residents of the Town of Chatham for their support of SRAC, and for providing summer residents the opportunity to participate in the civic and governmental affairs of Chatham. SRAC appreciates all of the support it receives from the Selectmen, Town Manager, Finance Committee, department heads and staff.

**Respectfully submitted,
Michael Waters, Chairman**

Town Clerk

Office activity during the calendar year 2016 included:

- 31 Planning Board applications, decisions, etc. filed
- 100 Zoning Board of Appeals applications, decisions, etc. filed
- 64 Doing Business Under An Assumed Name Filings (DBA)
- 18 Gasoline Storage Permits Issued
- 11 Raffle Permits Issued
- 82 Marriage Intentions Filed

Monies received at the Town Clerk's Office and paid to Treasurer:

For Certifications and Other Miscellaneous Fees	\$18,673.25
595 Dog and Cat Licenses Sold	\$2,700.00
31 Bylaw Violations	\$2,394.00
TOTAL	\$23,767.25

VITAL RECORDS RECORDED

As recommended by the State Office of Vital Records, only the number of births, marriages and deaths recorded in the last three years are listed:

Birth Comparison

25 recorded in 2016
25 recorded in 2015
27 recorded in 2014

Marriage Comparison

80 recorded in 2016
71 recorded in 2015
93 recorded in 2014

Death Comparison

154 recorded in 2016
191 recorded in 2015
138 recorded in 2014

DEMOGRAPHICS

6,176 Year-Round, Full Time Residents were listed at the close of 2016

5,636 Registered voters were listed at the close of 2016

1,184 were enrolled in the Democrat Party

1,153 were enrolled in the Republican Party

29 were enrolled in the United Independent Party

3,244 were registered as Unenrolled (formerly termed "Independent")

26 were enrolled in a "political designation"

Five Voter Events were held during 2016:

Tuesday, March 1, 2016 – Presidential Primary Election

Monday, May 9, 2016 – Annual Town Meeting (First Night)

Tuesday, May 10, 2016 – Annual Town Meeting (Second Night)

Thursday, May 12, 2016 – Annual Town Election

Thursday, September 8, 2016 – State Primary Election

Tuesday, November 8, 2016 – State (Presidential) Election

**Respectfully submitted,
Julie S. Smith, MMC/CMMC**

Tree Warden

In 2016 the Tree Warden carried out the duties as specified in Chapter 87 of the Massachusetts General Laws. The Tree Warden position is part of the Park and Recreation Department. The Tree Warden is charged with maintaining the street trees along all Town owned roads.

There were several dead or hazardous trees removed throughout the Town during the year.

The Chatham Friends of Trees, Inc. donated and planted several more trees and shrubs around Town. The Friends of Trees

remains a very active organization for planting and maintaining trees in our community and I thank them for their continued help and support. Trees were planted in Chase Park, Kate Gould Park and other locations in Town.

The Friends of Trees led effort which has Chatham recognized as a "Tree City USA" by the National Arbor Day Foundation continued for a Third year. Chatham is now recognized a "Tree City." There are signs at the entrance to Town that indicate this. It is recognition that Chatham is a community that is actively planting and managing its community trees.

The Tree Warden also had joint hearings with the Planning Board on tree removals requests on Scenic Roads.

Gypsy moth defoliation of trees in Chatham was much greater than in past years. Most notably along Queen Anne Road in the northwest corner of Town was most impacted with defoliation.

We had significant drought during the summer of 2016 which has exacerbated the effects of insect issues that local trees are facing. Drought combined with insect defoliation is an issue and seems to be having an impact on a greater number of trees in Chatham and across the Cape.

The Winter Moth remains the major pest problem on Cape Cod. Look for an inch worm like caterpillar to emerge in great numbers in the spring. The repeated defoliation of trees by the caterpillars reduces the health of the trees.

Crypt Oak Gall Wasp is a newer pest to our area affecting many oak trees in Chatham. This insect lays its eggs in the twigs of oak trees and the young insects larvae live in the twig and cut off nutrients to the twigs. This causes the tree to have browning a death of out leave. In trees with a significant infestation this reduces the trees health and can lead to loss of the tree. There were a few trees killed in Town this year by this pest.

If anyone has a concern regarding a street tree along a Town road please call me at (508)-945-5158.

**Respectfully submitted,
Daniel L. Tobin, Tree Warden**

Veteran's Services

The following report is of the activities of the Department of Veterans' Services for Calendar Year 2016. Our duties are categorized in two basic areas: Benefits and Services.

Commonwealth Low-income Benefits:

This program is covered and authorized under Massachusetts General Law Chapter 115. It provides financial assistance to honorably-discharged, veterans who establish need and

worthiness and are residents of the Town of Chatham. During the year the Town, through our office, extended benefits to qualified veterans totaling \$15,600 for housing, food, heat, medical and other related costs. The amount expended was reimbursed to the Town by the Commonwealth at a rate of 75% of total expenditures.

Federal Benefits and Services:

We assisted veterans and their dependents in obtaining federal, state and local benefits under the broad umbrella of the Department of Veterans Affairs. These services included payments for service-connected disabilities, pensions, education, medical, burial, medals and records. During the year, this office assisted in obtaining \$1,374,008 in cash payments for compensation and pensions for Chatham veterans and their dependents.

Contact Information:

Our service officers for the Town are Wil Remillard and Shawney Carroll. We encourage all veterans and their dependents to utilize our services. Veterans may contact the main office in Hyannis five days per week at 1-888-778-8701. We can also schedule appointments in one of our offices, at your home, or any location that is best for you.

We would especially like to thank the Town Manager, Finance Director and Town Accountant for their assistance and support throughout the year.

In the Service of all Veterans.

Respectfully submitted,
Gregory J. Quilty, Director and
Veterans' Agent
Wilfred Remillard, Chatham
Veterans Service Officer
Shawney Carroll, Lower Cape
Service Officer

Water & Sewer Advisory Committee

After 3 years of consideration, amendment, proposal, reconsideration, and negotiation the Committee proposed significant changes to Article II of the Rules and Regulations of the Sewer Department. Article II governs flow into the sewer system and the proposed changes codified practices that had been implemented under the Sewer Bank Policy when the Town was under an Administrative Consent Order with DEP, which was released in 2013. The proposed changes were accepted, with limited amendment, by the Water and Sewer Commissioners who in turn sponsored the Article at the May Annual Town Meeting. Following discussion the Article was passed by a majority vote of Town Meeting.

The newly adopted Article II was tested in November when a West Chatham restaurant requested an increase in sewer flow to allow more seats. The Committee recommended approval of the request with several contingencies to be met by the applicant/property owner. The Water and Sewer Commissioners, as the approving authority, supported the Committee's recommendation.

As a result of continued pressure on our municipal water supply and infrastructure, the Committee requested that the Water & Sewer Commissioners implement a series of water conservation measures in response to dry summer conditions. These measures were successful in curbing water use despite an ongoing period of drought. While water consumption spiked in early July, ultimately total pumpage increased by approximately 1% on an annual basis.

A variety of methods were considered to promote a more moderate growth in water consumption looking forward over the next 4-5 years. Ultimately, the Committee proposed extensive changes to the existing regulation concerning irrigation, and a new regulation regarding swimming pools. The proposed changes were presented to the Water and Sewer Commissioners and aired at a public hearing in December. Comments received at the public hearing will be reviewed by the Committee in early 2017.

Numerous requests for abatement of water bills were heard throughout the year. One applicant appealed the Committee's decision to the Water and Sewer Commissioners who rejected the appeal.

The Committee would like to thank Thomas Temple, Pam Jones, Richard (Val) Peter, and Robert Duncanson, Ph.D., for their staff support throughout the year.

Respectfully submitted,
Larry Sampson, Chairman

Waterways Advisory Committee

2016 proved to be a busy year for the Waterways Advisory Committee. The following is what I would like to categorize as our successes. Many of these projects represent years of work for the WAC.

1. The end of the online mooring system which has cost the taxpayers thousands of dollars and untold extra hours for the Harbormaster's staff.
2. Construction of the dock at what was previously the Bloomer property on Bridge Street.
3. Beginning construction of bulkheads, docks, haul out facilities and other related infrastructure at Old Mill Boatyard.

4. Marking of Oyster Pond for water skiing and tubing. In conjunction with better enforcement we hope there will be safer boating for all in that area.
5. Implementation of Waterways User fee. This modest charge to all boaters will be used to help maintain/replace our aging water related infrastructure.
6. Winter haul out at Ryder's Cove and Mill Hill Boatyard that will allow vessels, because of size restrictions, to be dry-docked on underutilized Town property.
7. Finalized regulations for haul-outs at Ryder's Cove and Mill Hill Boatyard.

The WAC also has numerous concerns going forward.

1. The Town's inability to procure the use of the Barnstable County dredge for which we have many pressing needs.
2. The ability of staff to get projects done on time and on budget.
3. The low pay we offer seasonal workers which has had a profoundly negative effect on the Harbormaster's Department.
4. The failure to fill the Mooring Officer position which was stipulated by Town Meeting.
5. The need for the Waterways User fee and other water related fees to be placed in a revolving fund with oversight from the WAC and not be used as another "General Fund."

To finalize this report I would like to share some of our future projects and considerations.

1. Finish the development plans for the Bloomer property.
2. Begin the design stage of the recently purchased Eldredge dock. This project may need to be put on a fast track because of the shoaling on Chatham Bar.
3. Develop a potential mooring field in Stage Harbor to accommodate the commercial fleet only if it becomes necessary.

In conclusion, I would like to thank the members of WAC and the Harbormaster's Department for their hard work and dedication to the Town of Chatham.

Respectfully submitted,
Peter W. Taylor

Zoning Board of Appeals

The Chatham Zoning Board of Appeals scheduled one hundred six (106) hearings through December 31, 2016, with the summary of results shown below, as compared to ninety-seven (97) hearings in 2015. Please note that one request may necessitate relief from more than one dimensional re-

quirement or provision of the Zoning Bylaw.

There were eighty-three (83) Special Permit requests, of which eighty-three (83) were granted, (twenty-six (26) with conditions), and four (4) were withdrawn.

There were seven (7) Variance requests, three (3) were granted, one (1) was denied, and three (3) were withdrawn.

There were five (5) Appeals of the Chief Zoning Officer. The Board voted to uphold the Chief Zoning Officers determination on four of the Appeals, one Appeal was continued to 2017.

There were six (6) Requests for Modification of existing Special Permits, six (6) were granted, (two (2) with conditions).

There were four (4) appeals to the Sign Code Appeals Committee, all of which were granted.

Revenue collected for calendar 2016 through December 31, 2016 was \$19,025, as compared to \$16,675 in 2015. The 2016 figure includes fees collected for several hearings in 2017.

The Zoning Board of Appeals completed a rewrite amending their Rules and Regulations and adopted the changes on December 1, 2016.

**Respectfully submitted,
Robert Hessler, Chairman**

CHATHAM ANNUAL REPORT 2016

Town Meetings, Town Elections

Town of Chatham – Presidential Primary Election – Tuesday, March 1, 2016

This Presidential Primary Election, called by the Board of Selectmen as required by law on a Warrant duly posted by Constable Benjamin J. Nickerson on February 12, 2016, was held on Tuesday, March 1, 2016 at the Chatham Community Center, located at 702 Main Street. The polls opened at 7:00 a.m.

Town Clerk Julie Smith, Assistant Town Clerk Paula Tobin, and Town of Chatham Computer Specialist James Cuddy examined the ballot box, demonstrated the box was empty and showed the ballot counter to be registered at zero. The Optical Scan electronic voting system operated throughout the voting hours without incident.

Election workers Evelyn Ambriscoe, Joan Bagnell, Beverly Brown, Ann Eldredge, Mary Fougere, Mary Griffin, Sandra Koski, David Porter, Sandi Porter, Louise Redfield and Jennifer Smith all contributed to the success of this election.

The polls closed at 8:00 p.m. At the time of this election there were 5,325 registered voters in Chatham. 2,551 ballots were cast (48%).

DEMOCRAT (1,343 Democrat Ballots Cast)

PRESIDENTIAL PREFERENCE TOTAL

BERNIE SANDERS	661
MARTIN O'MALLEY	3
HILLARY CLINTON *	669
ROQUE "ROCKY" DE LA FUENT	1
NO PREFERENCE	6
WRITE INS	0
Blanks	3
Total	1343

STATE COMMITTEE MAN	TOTAL
JOHN L. REED (Declared Write-In)	4
WRITE INS	162
Blanks	1177
Total	1343

STATE COMMITTEE WOMAN TOTAL	
ROBIN LOUISE HUBBARD *	790
WRITE INS	3
Blanks	550
Total	1343

TOWN COMMITTEE	TOTAL
FRANCES EVE DALMOLEN	33
JOHN ANDERSON	33
IRA SELDIN	33
RONALD J. BERGSTROM	33
NANCY MULLEN ERSKINE	34
D. READ MOFFETT	33
ROSLYN COLEMAN	33
BARBARA FOUHY	33
MARTHA C. BATCHELDER	33

TOWN COMMITTEE	TOTAL
MICHAEL D.M. WESTGATE	33
THEODORE FRITSCH	33
WRITE INS	19
WRITE INS	166
Blanks	46456
Total	47005

REPUBLICAN (1,198 Republican Ballots Cast)

PRESIDENTIAL PREFERENCE TOTAL

JIM GILMORE	1
DONALD J. TRUMP *	528
TED CRUZ	78
GEORGE PATAKI	1
BEN CARSON	32
MIKE HUCKABEE	1
RAND PAUL	0
CARLY FIORINA	1
RICK SANTORUM	1
CHRIS CHRISTIE	3
MARCO RUBIO	238
JEB BUSH	23
JOHN R. KASICH	281
NO PREFERENCE	4
WRITE INS	3
Blanks	3
Total	1198

STATE COMMITTEE MAN	TOTAL
FRANCIS P. MANZELLI *	575
RONALD R. BEATY, JR.	235
DEVIN MANNING	127
WRITE INS	6
Blanks	255
Total	1198

STATE COMMITTEE WOMAN TOTAL	
JUDITH A. CROCKER*	816
WRITE INS	9
Blanks	373
Total	1198

TOWN COMMITTEE	
GROUP	499
MARIA R. ACTON	569
RICHARD BERTOCCHI	542
PHYLLIS C. BILOWZ	535
WALTER G. BILOWZ	541
DIANE DUGAN BRONSDON	565
JOAN L. BULKLEY	560
JOHN C. CHAPMAN	583
JOHN F. CREA	541
MARY JANE CREA	539
ANN L. DEPATIE	572
ROGETTE B. GERSTLE	542
ELAINE B. GIBBS	611
VIRGINIA E. LAPORTE	553
FRANCIS X. MEANEY	576
WALTER J. MEIER	605

JOHN V. PAYSON	548
ETHEL A. SHAFTER	530
ROBERT L. SHAFTER	534
KEVIN CHARLES SMITH	537
JO ANN SPRAGUE	598
DOUGLAS C. FIELDS	532
JUSTINE S. KIRKWOOD	521
JENNIFER J. MCMULLEN	530
VIRGINIA T. NICKERSON	655
ELISE MARY SMITH	530
ANNE R. SOMERBY	520
PAMELA WEILER	588
RUTH D. LUND	558
SCOTT D. HAMILTON	642
DAVID E. BURNS	570
MARCIA N. BURNS	545
WILLIAM F. TUXBURY, JR.	568
BRADFORD L. SCHIFF	531
WILLIAM W. STORFF	564
SANDRA L. GOLDMAN	532
Blanks	21864
Total	41930

GREEN-RAINBOW (1 Green-Rainbow Ballot Cast)

PRESIDENTIAL PREFERENCE TOTAL	
SEDINAM KINAMO CHRISTIN	
MOYOWASIFZA CURRY	0
JILL STEIN	0
WILLIAM P. KREML	0
KENT MESPLAY	0
DARRYL CHERNEY	0
NO PREFERENCE	0
WRITE INS	0
Blanks	1
Total	1

STATE COMMITTEE MAN	TOTAL
WRITE INS	1
Blanks	0
Total	1

STATE COMMITTEE WOMAN TOTAL	
WRITE INS	0
Blanks	1
Total	1

TOWN COMMITTEE	TOTAL
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
Blanks	10
Total	10

Town of Chatham – Presidential Primary Election – Tuesday, March 1, 2016

UNITED INDEPENDENT

(9 United Independent Party Ballots Cast)

PRESIDENTIAL PREFERENCE TOTAL

NO PREFERENCE	0
WRITE INS	8
Blanks	1
Total	9

STATE COMMITTEE MAN TOTAL

WRITE INS	0
Blanks	9
Total	9

STATE COMMITTEE WOMAN TOTAL

WRITE INS	0
Blanks	9
Total	9

TOWN COMMITTEE TOTAL

WRITE INS	4
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
WRITE INS	0
Blanks	86
Total	90

Respectfully submitted,
Julie S. Smith, MMC/CMMC
Town Clerk

Town of Chatham – Annual Town Meeting Minutes – Monday, May 9, 2016

Moderator William G. Litchfield opened this year's Annual Town Meeting at 6:00 p.m., 515 voters were present, far exceeding our quorum of 100 voters.

On behalf of Town Clerk Julie Smith, the Moderator read the "Constable's Return of Service: Barnstable, ss.: Pursuant to the written WARRANT, I have notified and warned the inhabitants of the Town of Chatham by posting attested copies of the same in each of the Post Offices of said Town at least fourteen days before May 9, 2016 on April 6, 2016, Thomas R. Pennypacker, II, Constable.

The Moderator administered the Oath of Office to the volunteer Tellers for the evening: Bruce Beane, Stephanie Hamilton, Jay Stahl, Donald St. Pierre, and Deborah Walther.

The Moderator introduced CART Stenographer Stefanie Farrell, who once again provided CART services for the hearing impaired.

Chatham Boy Scouts Cyrus Baker, Chris Lapinski, Carlisle Nash, Ben Torres and Troop leaders James Devoe and Lance Murphy from Troop #71 presented the colors and led the voters in the Pledge of Allegiance.

The Moderator then read the names of the former Town committee members and employees who had died in the past year, and asked that we join him in a moment of silence: Joseph C. Avellar, Iylah Barbara Brown, G. Valarie Buck, I. Thomas Buckley, Claire E. Dubis, Joseph Fennell, Ellen Ford, Edward M. Fouhy, Leona H. Goodspeed, Russell Haddleton, Louise Holland, Thomas Hutchinson, Stephen B. King, Elizabeth (Libby) Mottur, Howard G. Norcross, Mary Olmsted, Thomas R. Patton III, Audrey N. Savin, Berjouhi Spencer, and Keith Zibrat.

Resolution as moved by Selectman Jeffrey Dykens: Moved that the Town vote to

adopt the following rules of procedure for the Town Meeting of May 9, 2016.

- A) The Moderator shall have the option of reading each Article in the Warrant verbatim or summarizing the subject matter therein in general terms, at his discretion.
- B) Upon an Article having been disposed of by vote, the Moderator shall entertain a motion to reconsider said Article or to accept a Resolution pertaining to said Article only during the same session during which said vote was acted upon.
- C) A motion to move the previous question shall require a two-thirds vote and may not be debated.
- D) The Moderator shall not accept a motion to move the previous question by any person discussing the Article until after an intervening speaker has discussed the Article.
- E) A non-voter may request the privilege of addressing the meeting on a motion made under any Article or Resolution offered the request to be granted by the Moderator unless there is an objection by a voter. Upon objection, the Moderator shall poll the meeting by voice or count, at his discretion, and a majority vote in favor shall entitle said non-voter to address the meeting. However, the Moderator may grant the privilege of the floor to any non-resident Town Department Head without necessity of a vote.
- F) The Moderator shall not entertain the question of the presence of a quorum at any point at which a motion to move the previous question has already been voted.

G) Speakers addressing the meeting shall be limited to five (5) minutes within which to present their remarks. The Moderator will not recognize anyone who has previously spoken on the Article until all persons wishing to address the meeting have had an opportunity to speak. The Moderator may exercise reasonable discretion in enforcement of this rule.

The foregoing rules are not intended to alter or change the traditional conduct of the Town Meetings in Chatham except as specifically stated above.

MOTION TO AMEND RESOLUTION:
Voter Stephen Buckley moved to limit presentation of remarks to four (4) minutes.

VOTE ON STEPHEN BUCKLEY AMENDMENT: Voice. The No's have it, the amendment is not adopted, declared the Moderator.

VOTE ON MAIN AMENDMENT: Voice. So voted unanimously.

Moderator Litchfield stated that he would need to step away from the podium for at least one article; he requested that David Nixon be elected as a Deputy Moderator. The voters in attendance agreed to this with a voice vote. The Moderator also announced that if he presided over Articles 40, 41 and 43 some in attendance might feel that he had an appearance of a conflict. However, the Moderator stated that he had checked with both Town Counsel and the State Ethics Commission; they had both recommended that he file a conflict of interest disclosure form with Town Clerk Julie Smith, which he stated that he had done. He then asked if any voter ob-

Town of Chatham – Annual Town Meeting Minutes – Monday, May 9, 2016

jected to him presiding over these articles.
Hearing no objections, he continued the meeting.

VOTE: Voice. So voted unanimously.

Article 1 – Annual Town Election

To bring in their votes on one ballot to elect the following Town Officers:

- Two Selectmen for three (3) year terms
- One Monomoy Regional School Committee Member for three (3) year term
- One Housing Authority Member for five (5) year term

No Motion

Article 2 – Accept Annual Reports

To hear the reports of various Town Officers and Committees and see what action the Town will take relative to the appointment of officers not chosen by ballot, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Jeffrey S. Dykens, Chairman, Board of Selectmen, moved that the Town Moderator and Board of Selectmen be authorized to appoint the necessary Town officers whose appointments are not otherwise provided for and that the Town hear and accept the reports of various Town officers and committees as they appear in the Town Report.

Explanation: The purpose of this Article is to enable a Town officer or committee member to address the Town Meeting. The Town's Annual Report is available on the Town's website and hard copy.

VOTE: Voice. So voted unanimously.

At this point, Moderator Litchfield recognized Finance committee members Kenneth Sommer, John Crea and Selectman Timothy Roper and thanked them for their service to the town.

Article 3 – FY2016 Budget Adjustments/Transfers

To see if the Town will vote to raise and appropriate and/or transfer from available funds, such sums of money as it determines necessary to balance the following line items noted below within the FY2016 budget approved under Article 9 of the May 11, 2015 Annual Town Meeting for the period beginning July 1, 2015 and ending June 30, 2016 inclusive.

Or take any other action in relation thereto.

(Board of Selectmen)

Article 3

	FROM	TO	AMOUNT
1.	Free Cash	Airport Revolving Fund	\$3,600
2.	Various Departments	Police Overtime	\$ 60,000
3.	Various Departments	Fire Overtime	\$ 35,000

MOTION: Timothy L. Roper, Board of Selectmen, moved that the Town vote to transfer from Community Development \$15,000, Natural Resources \$20,000, Dept. of Public Works \$50,000, Veterans Services \$10,000 and appropriate the sum of \$95,000 in additional funds to fund the Public Safety Department, Police and Fire Overtime Accounts, and further the Town transfer \$3,600 from the Free Cash to the Airport Revolving Fund.

Explanation: 1. The Town receives rent payments for the Fisherman's Storage Area located on land within the layout of the Chatham Municipal Airport property. The rent payments for the last six years were credited incorrectly to the General Fund, and not to the Airport Revolving fund. A transfer from Free Cash to the Airport Revolving Fund is needed to correct the issue and such requires Town Meeting approval.

The other two items will have amounts and funding sources presented at Town Meeting.

Board of Selectmen Recommendation:
No Recommendation

Finance Committee Recommendation:
Approve 9-0-0

VOTE: Voice. So voted by a very substantial majority, declared the Moderator.

Article 4 – Fix Salaries – Elected Officials

To fix the salaries of the elected Town officers for the fiscal year beginning July 1, 2016, or take any other action in relation thereto.

MOTION: Cory J. Metters, Board of Selectmen, moved that the Town vote to fix the salaries of the elected Town officers in accordance with the positions and amounts in this Article.

Explanation: In accordance with Massachusetts General Law, Chapter 41, Section 108, salaries and compensation of elected officers must be fixed annually by vote of the Town at an Annual Town Meeting. This Article fixes (sets), but does not appropriate these salaries. Actual appropriation of funds for these salaries occurs under Article 7 – Town Operating Budget. No increase to the prior year is being sought.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 9-0-0

VOTE: Voice. So voted unanimously.

Article 5 – Consolidated Revolving Funds

To see if the Town will vote pursuant to the authority granted under Massachusetts General Law Chapter 44, Section 53E ½, to establish or reestablish the following Revolving Funds for the purpose of receiving revenues and making disbursements in connection with the following authorized Town activities, or take any other action in relation thereto.

A) Airport Revolving Fund

All monies received by the Airport Commission from the operation of the Chatham Municipal Airport shall be credited to this fund. The Airport Commission and Town Manager shall be authorized to expend from this fund, without further appropriation, to defray the expenses of the Chatham Municipal Airport operated by the Commission. No more than \$40,000 shall be expended from this fund during fiscal year 2017.

B) Bassett House Revolving Fund

All monies received by the Town from the operation of the lease of the Bassett

Article 4

Officer	FY2015 Voted	FY2016 Request
Moderator	\$ 600	\$ 600
Selectmen – Each	2,000	2,000
Chairman – Extra	500	500

(Board of Selectmen)

Town of Chatham – Annual Town Meeting Minutes – Monday, May 9, 2016

House shall be credited to this fund. The Town Manager shall be authorized to expend from this fund, without further appropriation, to defray the maintenance expenses of the House operated by the Chamber of Commerce. No more than \$8,000 shall be expended from this fund during fiscal year 2017.

C) Inspectional Services Revolving Fund

10% of all monies received by the Town from the issuance of all inspection permits shall be credited to this fund. The Community Development Department, with the approval of the Town Manager, shall be authorized to expend from this fund, without further appropriation to defray the expenses associated with the approval of inspectional permits, including paying any wages or salaries for full time employees and costs of fringe benefits associated with the wages or salaries so paid. No more than \$70,000 shall be expended from this fund during fiscal year 2017.

D) Recycling Revolving Fund

All monies received by the Department of Public Works from the sale of recycling bins, compost bins, rain barrels, kitchen scrap buckets, water saving devices, recycling bags/totes, and other items particular to recycling conservation, shall be credited to this fund. The Department of Public Works, with the approval of the Town Manager, shall be authorized to expend from this fund, without further appropriation, to defray the expense of purchasing additional recycling containers and items particular to recycling and conservation, including advertising the availability of such items. No more than \$5,000 shall be expended from this fund during fiscal year 2017.

E) Marconi Station Revolving Fund

All monies received by the Town from the operation of the leases at the Marconi Station on Old Comers and Orleans Road shall be credited to this fund. The Town Manager shall be authorized to expend from this fund, without further appropriation, to defray inspection and maintenance expenses outside of the lease requirements of the buildings operated by the lessees at the Marconi Station. No more than \$5,000 shall be expended from this fund during fiscal year 2017.

(Board of Selectmen)

MOTION: Seth T. Taylor, Board of Selectmen, moved that the Town authorize and approve the Airport Revolving Fund, Bassett House Revolving Fund, Inspec-

tional Services Revolving Fund, Recycling Revolving Fund, and the Marconi Station Revolving Fund for the purposes and in the amounts listed in Article 5 of the Warrant.

***Explanation:** The purpose of these revolving funds is to segregate the revenues generated by each of these operations and to restrict the use of those revenues to the purpose for which they are collected. As required by State statute, this an accounting of these funds for the prior fiscal year through December 31, 2015.*

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 6 – Wood Waste Reclamation Facility Enterprise Fund

To see if the Town will vote to raise and appropriate and/or transfer from available funds, a sum of money to operate the Wood Waste Reclamation Facility Enterprise Fund,

or take any other action in relation thereto.

Lease Revenue \$25,000

Operating Expenses \$25,000

(Board of Selectmen)

MOTION: Dean P. Nicastro, Board of Selectmen, moved that the Town vote to appropriate \$25,000 to operate the Wood Waste Reclamation Facility Enterprise Fund and to meet said appropriation the Town raise \$25,000 through lease revenue or other funds available for appropriation.

***Explanation:** Town Meeting voted to adopt Chapter 44 Section 53F ½ of the Massachusetts General Laws establishing an Enterprise Fund. An enterprise fund establishes a separate accounting and financial reporting system to support a specific business activity, in this case the Wood Waste Reclamation Facility.*

One of the requirements of an enterprise fund is that a budget has to be adopted at Town Meeting every year. The Wood Waste Facility is leased out with annual revenue at approximately \$25,000 per year. The revenue

Article 5				
<u>Airport Revolving Fund</u>				
	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2015	\$50,400.47	\$22,761.88	\$24,975.33	\$48,187.02
FY2016	\$48,187.02	\$17,831.78	\$17,672.14	\$48,027.41
				(Thru 12/31/2015)
<u>Bassett House Revolving Fund</u>				
	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2015	\$28,200.45	\$3,000.00	\$ 983.36	\$30,217.09
FY2016	\$30,217.09	\$1,686.50	\$ 629.69	\$31,273.90
				(Thru 12/31/2015)
<u>Inspectional Services Revolving Fund</u>				
	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2015	\$129,336.65	\$58,118.06	\$63,761.26	\$123,693.45
FY2016	\$123,693.45	\$27,755.17	\$32,035.40	\$119,413.22
				(Thru 12/31/2015)
<u>Recycling Revolving Fund</u>				
	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2015	\$2,054.25	\$1,017.44	\$2,885.00	\$186.69
FY2016	\$186.69	\$ 601.89	\$0.00	\$788.58
				(Thru 12/31/2015)
<u>Marconi Station Revolving Fund</u>				
	<u>Balance</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance</u>
FY2015	\$0.00	\$00	\$0.00	\$0.00
FY2016	\$0.00	\$5,000.00	\$0.00	\$5,000.00
				(Thru 12/31/2015)

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will be used to support groundwater monitoring and other costs associated with the operation of the facility.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 7 – Town Operating Budget

To see if the Town will vote to raise and appropriate and/or transfer from available funds, such sums of money as it determines necessary for Town expenses and charges, including without limitation of the foregoing, debt and interest, wages, salaries and expenses for operation of the Town's departments and offices, all for the fiscal year beginning July 1, 2016 and ending June 30, 2017 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Jeffrey S. Dykens, Chairman, Board of Selectmen, moved that the Town vote to appropriate the sum of \$28,995,411 to fund the Operating Budget for the Town for the fiscal year beginning July 1, 2016 for the purposes and amounts designated in the column titled "Proposed Budget FY2017" of Article 7 of the Warrant and to meet said appropriation, the Town raise \$27,968,911 through taxation; and transfer \$160,000 from the Waterways Improvement Fund, \$837,500 from the Land Bank Fund, \$10,000 from the Wetlands Protection Fund, \$15,000 from the PEG Cable Access Fund, \$1,000 from Cemetery Perpetual Care Fund and \$3,000 from the Railroad Museum Fund.

Explanation: A full explanation of this funding request and its fiscal context is provided

in Appendix B: Town Manager's Budget Summary. The Regional Schools' Operating Budgets are not included in this Article and are presented in Articles 8 and 9.

The approval of Articles 7, 8, 9, 11 & 17-20 provide for an approximate total increase of 3.4% to the FY2017 tax levy; funding for Articles 17-20 projects are infrastructure/maintenance projects.

Please visit the Town's website, Budget Central for the Town Manager's FY2017 Budget message and links to the Budget Book: http://www.chatham-ma.gov/Public_Documents/ChathamMA_Budget/index. Town and Regional Schools budget details and financial documents past and present can also be found there.

Board of Selectmen Recommendation:
Approve 4-1-0

Finance Committee Recommendation:
Approve 8-1-0

VOTE: Voice. So voted by a very substantial majority, with a small handful of no's, declared the Moderator.

Article 8 – Regional School Operating Budget - Monomoy Regional School District

To see if the Town will vote to raise and appropriate and/or transfer from available funds, such sums of money as it determines

Article 8

FY2017 MRSD Operating Budget Overview

EDUCATION				PROPOSED BUDGET FY2017
DESCRIPTION	FY2015 VOTED	FY2016 VOTED	FY2017 REQUEST	
Operating Budgets (Expenses)				
Monomoy Regional School District	\$7,793,788	\$8,207,932	\$8,660,455	\$8,660,455
Operating Budget Total				\$8,660,455

necessary for Chatham's share of the Regional Educational and School expenses and charges, including without limitation of the foregoing, debt and interest, wages, salaries and expenses for operation of the Monomoy Regional School District for the fiscal year beginning July 1, 2016 and ending June 30, 2017 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Timothy L. Roper, Board of Selectmen, moved that the Town vote to appropriate the sum of \$8,660,455 to fund the Operating Budget for the Monomoy Regional School District for the fiscal year beginning July 1, 2016 for the purposes and amounts designated in the column titled "Proposed Budget FY2017" of Article 8 of the Warrant and to meet said appropriation, the Town raise \$8,660,455 through the tax rate.

Explanation: This article requests funding for Chatham's obligation to the Monomoy Regional School District as a separate "assessment" within the Town's budget. Compared to FY2016, the FY2017 budget reflects an increase of \$452,523. This article funds the Chatham portion of the Monomoy Regional School District as voted by the Monomoy Regional School Committee on March 25, 2015. Please refer to Appendix D for more detail.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 9-0-0

VOTE: Voice. So voted unanimously.

Article 9 – Regional School Operating Budget - Cape Cod Regional Technical High School

To see if the Town will vote to raise and appropriate and/or transfer from available funds, such sums of money as it determines necessary for Chatham's share of the Regional Educational and School expenses and charges, including without limitation of the foregoing, debt and interest, wages, salaries

Article 7

FY2017 Town Operating Budget Overview

Description	FY2015 Actual	FY2016 Voted	Proposed Budget FY2017
Operating Budgets (Expenses)			
General Government	\$1,875,954	\$1,940,839	\$1,993,476
Public Safety	\$5,959,858	\$5,540,427	\$5,831,539
Community Development	\$648,719	\$755,676	\$769,491
Natural Resources	\$1,257,700	\$1,314,231	\$1,358,925
Public Works & Facilities	\$4,143,926	\$4,686,741	\$4,709,493
Community & Social Services	\$966,163	\$1,054,930	\$1,148,097
Employee Benefits	\$4,177,371	\$4,423,164	\$4,740,390
Undistributed Ins. & FinCom Reserve Fund	\$449,519	\$609,375	\$609,375
Debt Service	\$7,150,548	\$7,860,558	\$7,834,625
Operating Budget Total	\$26,629,758	\$28,185,941	\$28,995,411

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Article 9

FY2017 CCRTHS School Operating Budget Overview

EDUCATION				PROPOSED BUDGET FY2017
DESCRIPTION	FY2015 VOTED	FY2016 VOTED	FY2017 REQUEST	
Operating Budgets (Expenses)				
Cape Cod Regional Technical H.S.	\$367,437	\$309,122	\$210,206	\$210,206
Operating Budget Total				\$210,206

and expenses for operation of the Cape Cod Regional Technical High School for the fiscal year beginning July 1, 2016 and ending June 30, 2017 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Cory J. Metters, Board of Selectmen, moved that the Town vote to appropriate the sum of \$210,206 to fund the Operating Budget for the Cape Cod Regional Technical High School for the fiscal year beginning July 1, 2016 for the purposes and amounts designated in the column titled “Proposed Budget FY2017” of Article 9 of the Warrant and to meet said appropriation, the Town raise \$210,206 through the tax rate.

Explanation: This article requests funding for Chatham’s obligation to the Cape Cod Regional Technical High School as a separate “assessment” within the Town’s budget. Compared to FY2016, the FY2017 budget reflects a decrease of \$98,916 for Cape Tech as voted by the CCRHS School Committee.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 9-0-0

VOTE: Voice. So voted unanimously.

Article 10 – Water Department Operating Budget

To see if the Town will vote to raise and appropriate and/or transfer from available funds, such sums of money as it determines necessary for expenses and charges, including without limitation of the foregoing, debt and interest, wages, salaries and expenses for operation of the Town Water Department for the fiscal year beginning July 1, 2016 and ending June 30, 2017 inclusive, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Seth T. Taylor, Board of Selectmen, moved that the Town vote to appropriate \$2,456,904 for direct costs, and further that an additional \$280,904 be transferred to the General Fund to be applied to overhead and indirect costs

associated with the Water Department Operating Budget of the Town for the fiscal year beginning July 1, 2016, for the purposes and in the amounts designated in the column titles “Proposed Water Budget FY2017” of Article 10 of the Warrant and to meet said appropriation, the Town raise \$2,337,808 through water receipts and raise \$400,000 through the tax rate.

Explanation: The FY2017 Water Department budget is directed towards continuing to improve the quality of water provided, customer relations, and providing a high level of reliability to the water supplies and distribution system to ensure the Town has safe drinking water and the required flows for firefighting.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 11 – Five Year Capital Authorization

To see if the Town will vote to raise and appropriate, and/or transfer from available funds, a sum or sums of money, to be expended for capital projects, equipment and expenses, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Dean P. Nicastro, Board of Selectmen, moved that the Town vote to appropriate \$2,018,250 for the purpose of funding the FY2017 Capital Budget in the column titled “FY2017 Proposed” of Article 11 of the Warrant and to meet said appropriation, the Town raise \$558,250 through taxation; and transfer \$1,400,000 from Free Cash, \$40,000 from Waterways Improvement Fund, \$10,000 from the PEG Cable Access Fund and \$10,000 from the Cemetery Sale of Lots Fund.

Explanation: Items in the Capital Improvement budget shall fall into the categories of maintenance projects (not ongoing maintenance), equipment, and new projects within the range of \$5,000-\$250,000. The Capital Plan presented is in accordance with the Fiscal Policies; representing 7.0% of the operating budget. For FY2017 Department identified capital requests totaled \$5,139,617 while funding recommendations in the amount are provided for priority items. To accomplish such, we recommend a capital spending plan that uses a combination of available funds, free cash, and a portion of the tax rate to provide adequate funding. Please refer to

Article 10

FY2017 Water Operating Budget Overview

WATER FUND				Water Budget
Description	FY2015 Voted	FY2016 Voted	FY2017 Request	FY2017 Proposed
Water Costs				
Operating				
Salaries	\$128,094	\$187,759	\$188,775	\$188,775
Expenses	\$1,222,466	\$1,270,440	\$1,309,320	\$1,309,320
Sub-total Operating	\$1,350,561	\$1,458,199	\$1,498,095	\$1,498,095
Debt				
Principal	\$599,178	\$719,178	\$719,178	\$719,178
Interest – Long-term	\$190,292	\$247,363	\$214,631	\$214,631
Interest – Short-term	\$0	\$25,000	\$25,000	\$25,000
Subtotal Debt	\$789,469	\$991,541	\$958,809	\$958,809
Total Water Direct Costs	\$2,140,030	\$2,449,740	\$2,456,904	\$2,456,904
Overhead – Indirect Costs	\$233,139	\$238,967	\$244,941	\$244,941
Overhead – Rate Payback for Betterments	\$39,760	\$37,870	\$35,963	\$35,963
Subtotal Overhead	\$272,899	\$276,837	\$280,904	\$280,904
Water Operating Budget	\$2,412,929	\$2,726,577	\$2,737,808	\$2,737,808

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Article 11

Description	FY2016 Actual	FY2017 Request	FY2017 Proposed
CAPITAL PROGRAM & BUDGET SUMMARY			
General Government	\$205,000	\$292,000	\$230,000
Public Safety	\$26,500	\$413,200	\$199,500
Community Development	\$12,500	\$12,500	\$12,500
Natural Resources	\$330,000	\$1,252,000	\$374,000
Public Works (without Water)	\$497,000	\$1,973,167	\$788,500
Equipment	\$704,000	\$1,196,750	\$413,750
Total Town Funded Capital Budget	\$1,775,000	\$5,139,617	\$2,018,250

Appendix G for details.

Board of Selectmen Recommendation:
Approve 4-1-0

Finance Committee Recommendation:
Approve 9-0-0

VOTE: Voice. So voted by a very substantial majority, declared the Moderator.

Article 12 – Collective Bargaining Agreements (PLACEHOLDER)

To see if the Town will vote to raise and appropriate or transfer from available funds in the treasury a sum of money to fund salary increases and other cost-items resulting from contract settlements with union personnel, or take any other action in relation thereto.

(Board of Selectmen)

MOTION:

Jeffery S. Dykens, Chairman, Board of Selectmen, moved that the sum of \$_____ be raised and appropriated to fund salary increases and other cost-items resulting from contract settlements by and between the Town of Chatham and:

[Divided Motion if there are more than one settlements]

Chatham Municipal Employees Association (CMEA)

1. Unit A
2. Unit B

and to authorize the Town Accountant to allocate such sum to the appropriate operating budgets, and to meet this appropriation the Town raise \$_____ through taxation.

Explanation: This is a placeholder article as negotiations are in progress with one of the Town's Unions – CMEA Unit A and Unit B for collective bargaining agreements expired on June 30, 2015. Funding for this article is not included in the FY2017 proposed budget under Article 7.

Board of Selectmen Recommendation:
Recommendation from Town Meeting Floor

Finance Committee Recommendation:
Recommendation from Town Meeting Floor

NO MOTION

Article 13 – OPEB Trust Fund Appropriation

To see if the Town will vote to transfer from overlay surplus the sum of \$150,000 for the purpose of funding the Other Post-Employment Benefits Trust Fund, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Timothy L. Roper, Board of Selectmen, moved that the Town vote to transfer the sum of \$150,000 from overlay surplus for the purpose of funding the Other Post-Employment Benefits Trust Fund.

Explanation: The Town established the OPEB Trust Fund in 2012 in compliance with the General Accounting Standards Board ("GASB") Statements 43 and 45 and MGL Chapter 32B, §20. Such is the mechanism to fund future financial obligations for health insurance benefits, other than pensions, for eligible former retired employees of the Town. The Town's overall unfunded liability as of June 2015 is \$16,668,879 and the balance in the OPEB Trust Fund is \$409,542 as of December 31, 2015. The next actuarial study will be completed in June 2016. The proposed funding source, Overlay Surplus, is a fund balance remaining after the payment of property tax abatements, and was used last year to fund the Trust, and previous to that was transferred to the Stabilization Fund. Since the balance in the Stabilization Fund is at a level in accordance with our fiscal policies, the Overlay Surplus is again being transferred to the OPEB Trust Fund. Such action is viewed positively by the Bond Rating Agencies.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 7-1-0

VOTE: Voice. So voted unanimously.

Article 14 – Water Capital - Iron and Manganese Water Treatment Facility

To see if the Town will vote to appropriate a sum of \$3,500,000 for the purpose of paying costs related to the construction of the Iron and Manganese Water Treatment Facility, and for all costs incidental and related thereto, and to determine whether this appropriation shall be raised by borrowing from the Clean Water Trust or otherwise; or to take any other action in relation thereto.

(Board of Selectmen)

MOTION: Cory J. Metters, Board of Selectmen, moved that \$3,500,000 is appropriated for the purpose of financing the construction of the Iron and Manganese Water Treatment Facility, and for all costs incidental and related thereto, including without limitation all costs thereof as defined in Section 1 of Chapter 29C of the General Laws, as most recently amended by St. 1998, c.78; that to meet this appropriation the Treasurer with the approval of the Selectmen is authorized to borrow said amount and issue bonds or notes therefor under and pursuant to Chapter 44, Sections 7 and 8 of the General Laws or pursuant to any other enabling authority; that the Treasurer with the approval of the Selectmen is authorized to borrow all or a portion of such amount from the Clean Water Trust (the "Trust" formerly referred to as MWPAT) established pursuant to Chapter 29C of the General Laws, and in connection therewith to enter into a loan agreement and/or security agreement with the Trust and otherwise to contract with the Trust and the Department of Environmental Protection with respect to such loan and for any federal or state aid available for the project or for the financing thereof; that the Chatham Board of Selectmen is authorized to enter into a project regulatory agreement with the Department of Environmental Protection, and to expend all funds available for the project and to take any other action necessary to carry out the project.

Explanation: Several wells in the Town Forest are increasingly pumping water that has iron and manganese concentrations that are turning the water red or black in color, resulting in an increasing number of citizen complaints. While there are no enforceable limits for iron and manganese in drinking

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water, EPA and MADEP have set standards intended to protect users from elevated levels which may present a health risk. Wells intended to be treated at the plant are consistently exceeding these standards. These exceedances lead to water supply concerns as these wells are not used to their potential to limit the public's exposure to elevated levels of iron and manganese.

Town Meeting approved \$6,533,000 in May 2014 for the design/construction of a Water Treatment Plant to address elevated levels of iron and manganese in these public water supply wells. Initial bids came in last Spring over the approved amount and since then the Owners Project Manager and staff have sought to reduce costs through Value Engineering (VE) to bring the project to the approved amount – no construction has occurred.

The work to reduce the cost of the proposed treatment plant evaluated all aspects of the project while working to ensure that the needs of the community for safe, potable water are met. A treatment plant reduced in scope and cost to stay within the original 2014 appropriation would not meet long-term needs and would likely require future appropriation to address all needs. As an example, the treatment plant design bid in early 2015 that resulted in bids over the appropriation was designed to initially treat the two most heavily impacted wells with expansion capability to add a third well in the future at minimal cost. An option evaluated in the VE was to build a plant only to treat the two most impacted wells. However, this would result in the need to build a separate plant for the third well or add onto the treatment plant in the future, either option at substantial future cost. To assist the Town in determining the most cost-efficient way of addressing long-term needs the Town engaged a third-party consult to provide an independent review.

The recommendation from the third-party review is to appropriate additional funding to allow construction of a treatment plant capable of treating three wells impacted by elevated iron and manganese. This approach meets the long-term needs of the community by protecting public health, addressing aesthetic issues, maximizing water supply by allowing these wells to be used to capacity, and avoids the need for future appropriations.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 7-1-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted unanimously, declared the Moderator.

Article 15 – Water Capital – Water Meters

To see if the Town will vote to appropriate a sum of \$350,000 for the continuation of the program to convert to automated water meter reading systems, and for all costs incidental and related thereto, and to determine whether this appropriation shall be raised by borrowing or otherwise; or to take any other action in relation thereto.

(Board of Selectmen)

MOTION: Seth T. Taylor, Board of Selectmen, moved that that \$350,000 is appropriated for the continuation of the program to convert to automated water meter reading system, and for all costs incidental and related thereto; that to meet this appropriation, transfer from available funds of the Water Department the sum of \$350,000.

Explanation: Automating the water meter reading system will enable current readings through a drive-by system, providing expeditious data while optimizing the use of existing staff. Currently meter reading takes 3 months of manual house-to-house visits, whereas the AMR system can be done in a couple days. The potential for monthly billing and the identification of potential water leaks are other benefits. Current funding is through the annual operating budget which is projected to take 4+ years for full replacement. If approved, the funds under this article would allow for a more aggressive replacement schedule currently in year two of a four+ year replacement plan. As of November 2015, 2,705 of the 7,137 water meters have been converted to AMRs, with 4,432 remaining to be installed. The cost for a residential water meter and radio transmitter is approximately \$200 per unit, while commercial meters vary based on size, but could be \$500 per unit. This appropriation expects to decrease the installation time from 4+ years to 2 years.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 16 – Capital Authorization; Fire Department Pumper Truck

To see if the Town will vote to raise and appropriate, and/or transfer from available funds, a sum or sums of money, to be expended for the lease purchase of the a Fire Engine Pumper, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Dean P. Nicastro, Board of Selectmen, moved that the Town vote to authorize the acquisition via lease/purchase of a Fire Engine Pumper, and for all costs incidental and related thereto, with funds for the first year of the lease payment to be appropriated in FY2018.

Explanation: The Fire Department operates with three fire pumpers that are 15, 27 and 30 years old. The 30-year-old pumper has recently been replaced with a Quint type fire apparatus as recommended in the 2011 Fire Department Operational Study. This request is to replace the 27-year-old pumper also recommended in the 2011 Fire Department Operational Study. This pumper is beyond its useful years in life and does not meet present safety standards. The new pumper will meet the newest requirements of NFPA 1901 and include the newest technological advancements in fire apparatus. The 27-year-old pumper will be removed from active service and placed in reserve.

Approval of a lease/purchase for three years results in a payment of \$201,329 per year (interest rate of 2.5%), with a \$1 buyout at the end of the three year lease. This financing schedule provides for the Town to approve the lease/purchase at this (2016) Town Meeting, but not provide a first payment until July 1, 2017 (FY2018) subsequent to the last/ year-three payment for the Quint apparatus which will be made in FY2017.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 17

Maintenance/Storage Hangar Structural Rehab.	\$160,000
Green Hangar Door Replacement	\$100,000
Stormwater Pollution Prevention Plan	\$25,000
Bucket Loader w/Snow Blower & Broom (Town Share)	\$17,000

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Article 17 – Capital Authorization; Chatham Municipal Airport

To see if the Town will vote to raise and appropriate a sum of money for the purpose of paying costs for the design, construction and installation of improvements to the Town owned buildings at the Chatham Municipal Airport, specifically to the Maintenance Storage Hanger Structure, the replacement of the Green Hangar doors, snow removal equipment and storm-water pollution protection plan, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Jeffrey S. Dykens, Chairman, Board of Selectmen, moved that the Town appropriate \$302,000 for the design, construction and installation for necessary repairs for the Maintenance/Storage Hangar, installation of new doors to the Green Hangar, snow removal equipment and storm-water pollution protection plan, and for all costs incidental and related thereto, and to raise \$302,000 through the tax rate.

Explanation: In the fall of 2015 the Airport Commission developed a list of capital items requiring attention at the Chatham Municipal Airport (CQX):

Funding these items is intended to improve safety, protect equipment, reduce liability, improve storm resistance and improve operations. \$17,000 of this request for a Bucket Loader w/Snow Blower & Broom is a “match” to leverage approximately \$317,000 of Aircraft Improvement Program (AIP) funding. An additional benefit of funding snow removal equipment is the elimination of the need for DPW to plow the runway. The Airport Commission voted unanimously to support this Capital Request. The Town will seek alternate sources of funding, i.e. CPA funds, grant funds, for eligible projects.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 6-2-0

VOTE: Voice. So voted by a very substantial majority, declared the Moderator.

Moderator Litchfield would need to step down for Article 18, 19, and 22, so he requested that we take Article 20 and 21 out of order. Hearing no objections from the voters, we proceeded to Article 20.

Article 20 – Capital Authorization; Municipal Fish Pier Facility Improvements

To see if the Town will vote to raise and appropriate, and/or transfer from available funds, a sum or sums of money to be expended for the design and reconstruction of various projects involving the Fish Pier Facility including the building support columns, observation deck, South Jog/Embayment Bulkhead Engineering and electrical grounding, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Seth T. Taylor, Board of Selectmen, moved that the sum of \$525,000 is hereby appropriated for the purpose of paying costs for the design and reconstruction of various projects involving the Fish Pier Facility, including the payment of all other costs incidental and related thereto, and that to meet this appropriation, the Town raise \$525,000 through the tax rate.

Explanation: The Municipal Fish Pier is a major asset to the community in many ways. In addition to its primary purpose of serving as an offloading facility for one of the largest off-shore fishing fleets on the east coast the Pier provides a unique opportunity for residents and visitors to observe how local fishermen operate. Directly observing how fresh fish are obtained is a valuable educational opportunity in light of the public’s low understanding of where food actually originates. The Fish Pier needs ongoing maintenance and upgrades to ensure it is ready to provide these services in an environment that is hostile to man-made structures.

The funds requested are for Year One of what will be a multi-year program of addressing facility needs to ensure a safe working environment for the fishing community and that residents and visitors are accommodated in a safe manner that doesn’t interfere with the working facility. The Town engaged the services of an engineering firm to undertake a complete assessment of the facility (buildings, utilities, site conditions, marine infrastructure [bulkheads, piers, floats], access, etc.) and long-term resiliency in response to changing sea levels. The engineers report provides recommendations for repairs and improvements along with cost estimates. However, there are identified needs that should be addressed in the short-term to address facility structural integrity and worker/public safety.

Areas that need to be addressed in the

short-term include: fish packing building interior support columns, south jog/embayment bulkhead, electrical grounding, and observation deck. The 4 support columns located on either end of the packing building have deteriorated and need replacement to maintain the structural integrity of the building.

The south jog/embayment bulkhead is approximately 40 years old and is nearing the end of its useful life. Visual observations (the bulkhead along the inner portion of the south jog is bowed out indicating a level of failure in the tie back system and the adjacent concrete cap has subsided indicating a loss of fill material behind the bulkhead) and the engineering assessment/testing confirmed the bulkhead needs replacement. The funds requested would initiate engineering/permitting for replacement of the bulkhead and allow the town to seek grants to offset construction costs which would be sought in the FY18 budget.

The engineering assessment identified electrical grounding issues where stray electrical current is accelerating deterioration of the bulkheads. Addressing these issues will provide increased longevity of the bulkheads.

The wood observation deck is deteriorating and the engineers have advised the Town to place a limitation on the number of persons allowed on the deck at any one time. The observation deck is affixed to the packing building and over the years there have been leaks and other issues attributed to this attachment. The current observation deck is not handicapped accessible. A new observation deck would be separate from packing building, designed for the appropriate load, designed of longer lasting materials, have its support structure outside of fork lift operating areas, and will be handicapped accessible as required by code.

The funds in this article would be combined with existing funds.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 21 – Waterfront Property Engineering, 90 Bridge Street

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money for the purpose of paying costs related to the engineering and permitting of the selected site development plan providing mixed municipal and public water

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access uses for the Town-owned waterfront parcel at 90 Bridge Street, including all costs incidental and related thereto; or to take any other action in relation thereto.

(Board of Selectmen)

MOTION: Dean P. Nicastro, Board of Selectmen, moved that the sum of \$75,000 be transferred from the Waterways Improvement Fund for the purpose of paying costs related to the engineering and permitting of the selected site development plan providing mixed municipal and public water access uses for the Town-owned waterfront parcel at 90 Bridge Street, including all costs incidental and related thereto.

Explanation: The Town acquired the waterfront property at 90 Bridge St. in FY2014 for the purpose of providing mixed water dependent municipal and public access uses. The Town subsequently hired a consultant to assist in developing a site feasibility assessment to identify the most appropriate options for re-use of the property and that report is expected later this year. Options for site re-use are undergoing review and vetting by various advisory committees, the Board of Selectmen (BOS), and public. This article would provide funding to progress directly into detailed engineering and permitting once the final site plan has been selected and endorsed by the BOS.

The Board of Selectmen, Waterways Advisory Committee, Shellfish Advisory Committee and South Coastal Harbor Plan Committee have all endorsed this proposal.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 8-0-0

VOTE: Voice. So voted unanimously.

Deputy Moderator David Nixon took over the podium and presided over Articles 18, 19 and 22.

Article 18 – Lower Main Street/Lighthouse Overlook Parking Lot; Stormwater Infrastructure

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sufficient sum of money for the purpose of paying costs related to the engineering, permitting, and construction of leaching infrastructure under Bearse's Lane to infiltrate stormwater into the ground allowing for natural treatment and to replace certain stormwater catch basins on Silverleaf Ave., including all costs incidental and related thereto; or to

take any other action in relation thereto.

(Board of Selectmen)

MOTION: Timothy L. Roper, Board of Selectmen, moved that the sum of \$130,000 be raised and appropriated to fund the engineering, permitting, and construction of leaching infrastructure under Bearse's Lane to infiltrate stormwater into the ground allowing for natural treatment and to replace certain stormwater catch basins on Silverleaf Ave., including all costs incidental and related thereto; and to meet this appropriation raise \$130,000 through the tax rate.

Explanation: Stormwater runoff from the area of Lower Main St., Silverleaf Ave., Bridge St., and the Lighthouse Overlook Parking Lot is collected by a series of catch basins that discharge into an isolated wetland on private property. The Town has been working with the private property owner to mitigate this situation to the benefit of both parties. This project would provide for the installation of leaching infrastructure under Bearse's Lane to infiltrate a portion of the stormwater into the ground allowing for natural treatment and to correct deficiencies in catch basins along a portion of Silverleaf Ave.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 19 – Bearse's Lane Retaining Wall

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money for the purpose of paying costs related to the engineering, permitting, and construction of a replacement for a failed retaining wall along Bearse's Lane, including all costs incidental and related thereto; or to take any other action in relation thereto.

(Board of Selectmen)

MOTION: Cory J. Metters, Board of Selectmen, moved that the sum of \$60,000 be appropriated to fund the engineering, permitting, and construction of a replacement for a failed retaining wall along Bearse's Lane, including all costs incidental and related thereto; and that to meet this appropriation the town raise \$60,000 through the tax rate.

Explanation: The existing wood tie retaining wall along Bearse's Lane has failed allow-

ing sediment to encroach into the adjacent wetland on private property and threatening vehicular access to South Beach used by the Lighthouse Beach Patrol and emergency vehicles.

Board of Selectmen Recommendation:
Approve 5-0-0

Finance Committee Recommendation:
Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 22 – Waterfront Land Acquisition; 3 Champlain Road

To see if the Town will vote to authorize the Board of Selectmen to acquire through donation, purchase, eminent domain, or otherwise, a fee simple interests in the parcels of land located at 3 Champlain Road, Chatham, identified by Assessors' map 13A-3-23 encompassing the entire parcel conveyed to and owned by Eldredge Estate of Lillian A, c/o Ernest Eldredge as more particularly described in a deed recorded with the Land Court of the Barnstable County Registry of Deeds in Book 1975, page 52 and as further described on a certain plan of land entitled *Waterfront Parcel Acquisition, 3 Champlain Road*, a copy of which is on file with the Town Clerk's office, said property to be used for general municipal and public uses, water dependent uses and other purposes, and further to appropriate, by borrowing, transfer or otherwise, a sufficient sum of funds to accomplish the same, and to authorize the Selectmen and Town Manager to negotiate and execute any and all documents to effectuate this donation, purchase and/or taking, or to take any other action relative thereto.

(Board of Selectmen)

MOTION: Jeffrey S. Dykens, Chairman, Board of Selectmen, moved that the Town vote to transfer from Free Cash a total of \$1,500,000 for the acquisition by purchase of a parcel of land located at 3 Champlain Road, Chatham, Massachusetts as identified as Assessors' map 13A-3-23 encompassing the entire parcel conveyed to and owned by Eldredge Estate of Lillian A, c/o Ernest Eldredge, as more fully described in a recorded deed with the Land Court of the Barnstable County Registry of Deeds in Book 1975, page 52 and as further described on a certain plan of land entitled *Waterfront Parcel Acquisition, 3 Champlain Road*, a copy of which is on file with the Town Clerk's office, said total of \$1,500,000 to include \$1,300,000 for the acquisition and \$200,000 for site design

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and engineering services, said property to be used for municipal and public, water dependent uses and other purposes, and to authorize the Selectmen and Town Manager to negotiate and execute any and all documents to effectuate this purchase.

Explanation: Opportunities for the Town to acquire waterfront property are extremely limited. The property in question is located on Stage Harbor immediately adjacent to the Harbormaster's Office (aka Old Mill Boatyard). The property provides approximately 45± feet of frontage with deep-water access including a 2,400± square foot licensed dock.

Public uses of the site will be investigated to possibly include, among other uses, expansion of shore/water access provided through reconfiguration/expansion of dock and float systems in conjunction with those at Old Mill Boatyard. The presence of deep-water access and a licensed pier provides the opportunity to incorporate facilities to service the commercial fishing fleet as an alternative to the Fish Pier. The Town anticipates working with the owners of a pier to the west to develop a coordinated master plan.

It is anticipated this location would qualify for various grant opportunities to substantially fund engineering and construction.

The Town has had an appraisal for the property and negotiated a purchase and sales agreement, with contingencies, notably for Town Meeting approval and appropriation.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 6-2-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted by a very substantial majority (only one no), declared the Moderator.

At this point, Moderator Litchfield returned to the podium.

Article 23 – ATM 2015, Article 47 Re-Vote Due to Procedural Flaw Citizen Petition: Protective (Zoning) Bylaw Amendment; Deletion of Three of Six Flexible Development Overlay Districts

Strikethrough indicates language proposed for deletion.

Underline indicates language proposed for inclusion.

To see if the Town will vote to amend its Protective Bylaw (Zoning) by deleting subsections a, b, and e of Section IV, Paragraph D, Flexible Development Districts, as set forth below, or take any other action in relation thereto:

Section IV, Paragraph D. Flexible Development Districts, Subparagraph 3. Location, as follows:
The Flexible Development Overlay District is located in the following zones:

a. The GB2 (D) District bounded northerly by an irregular line 300 feet from, and parallel to, Route 28 and by Conservancy District C28; easterly by land of Emily P. Sylvan and Uncle Albert's Drive, southerly by an irregular line three hundred (300) feet from, and parallel to Route 28; westerly by Kelley Lane; southerly by Route 28; and westerly by the easterly bound of land of Pilgrim Village of Chatham, Inc.

b. The SB (FC) District bounded westerly by the westerly property line of Sumner G.N. Harding and Jean C. Harding; northerly by land of the Town of Chatham, by Bearse's Pond, and by a line five hundred (500) feet from, and parallel to Route 28; westerly by Whelden Way; and Southerly by Route 28, excluding therefrom any land lying within the bounds of the adjoining Conservancy District.

c. The SB (FD) District in South Chatham bounded westerly by Route 137; northerly by land of the Town of Chatham from Route 137 to Cockle Cove Creek; easterly by Cockle Cove Creek to Route 28 and Southerly by Route 28."

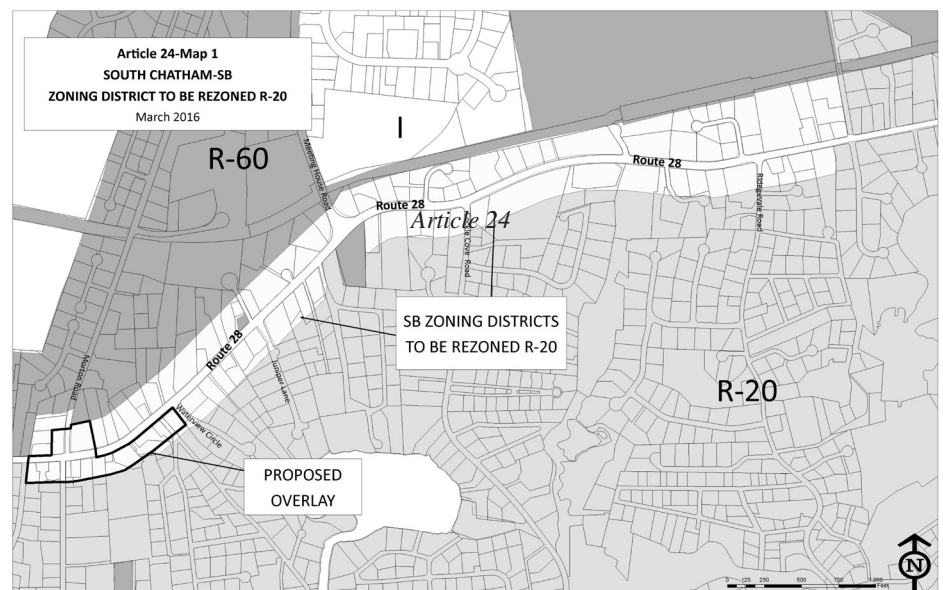
And to redesignate the remaining subsections accordingly.

(By Petition)

MOTION: Deborah S. Ecker, Petitioner, moved that the Town vote to amend its Zoning Bylaw as printed in the Warrant for Article 23.

Explanation: This is a corrective action. Approval of this Citizen's Petition under Article 47 was received by a two-thirds majority vote at the 2015 Annual Town Meeting. When the warrant reflecting Town Meeting action was submitted to the MA Attorney General's Office for required review and approval, a procedural flaw was brought to the Town's attention relating to posting of all of the 2015 proposed Protective (Zoning) Bylaw Amendments. The Attorney General's Office elected to proceed under the defect waiver provisions of MGL and published a Notice of Procedural Defect. Responses from two property owners indicating that they found the posting defects for this article to be "misleading" and did not allow them adequate time to thoroughly consider the impacts to their properties were received. Therefore, the Attorney General's office could not waive the defect, and this has necessitated the requirement for this article to be re-voted at the next Town Meeting.

Explanation as provided by the Petitioner. Flexible Development Overlay Districts (FDODs) allow multiple housing (4 dwelling units, 8 bedrooms per acre), independent living and congregate residential facilities (12 dwelling units, 24 bedrooms per acre) and commercial development. The purpose of these amendments is to eliminate development contrary to the Goals and Policies of the Comprehensive Long Range Plan and conclusions of the 2013 Visioning Sessions



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for the Route 28 Corridor. Both recommend elimination of these Districts. The general locations of the FDODs to be removed are the Cornfield Area (Paragraph a), West Chatham (Paragraph b) and South Chatham (Paragraph e). Three remaining FDODs have been mostly or entirely expended for good purposes (Park Place, Liberty Commons, Town Offices Annex). In these three Districts it is not expected much will be changed.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 7-0-0

Planning Board Recommendation:

Approve 4-1-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted by well over the requisite 2/3rds majority, declared the Moderator.

Article 24 – Protective (Zoning) Bylaw Amendment; South Chatham Zoning Changes

~~Strikethrough~~ indicates language proposed for deletion

Underline indicates language proposed for inclusion

Bold Italicized Words are defined in the existing Bylaw

To see if the Town will vote to create a distinct South Chatham neighborhood center with surrounding residential areas by eliminating the South Chatham Flexible Development Overlay District, rezoning the South Chatham corridor that is currently zoned

Small Business to Residential R20, and then creating a neighborhood center overlay district by amending its Protective (Zoning) Bylaw and Town of Chatham Zoning Map as follows:

Amend the **Town of Chatham Zoning Map** by eliminating the Flexible Development Overlay District from the following described area:

The **SB (FD) District** in South Chatham bounded westerly by Route 137; northerly by land of the Town of Chatham from Route 137 to Cockle Cove Creek; easterly by Cockle Cove Creek to Route 28 and southerly by Route 28.

And renumbering the remaining subsections accordingly.

Amend **Section IV., Overlay Regulations, Subsection D. Flexible Development District**, of the Protective (Zoning) Bylaw to delete the South Chatham area from the Flexible Development District by deleting Subsection 3.“e.” in its entirety as follows:

~~e. The **SB (FD) District** in South Chatham bounded westerly by Route 137; northerly by land of the Town of Chatham from Route 137 to Cockle Cove Creek; easterly by Cockle Cove Creek to Route 28 and southerly by Route 28.~~

Amend the **Town of Chatham Zoning Map** to rezone certain parcels or portions of parcels representing the Small Business (SB) zoning district in South Chatham to a Residential 20 (R20) zoning district as shown on the map entitled “Map 1-South Chatham

SB Zoning District to be Rezoned R-20” and dated March 2016, said map being both attached to this Town Meeting warrant and on file with the Town Clerk.

Amend the **Town of Chatham Zoning Map** to create a “South Chatham Neighborhood Center (SC)” Overlay District by creating an overlay district that overlays that portion of South Chatham bounded on the north side of Route 28 from 100 feet west of Morton Road and continuing easterly to 190 feet east of Morton Road and on the south side of Route 28 from Pleasant Street to 100 feet east of Mill Creek Road at a depth of 150 feet from the road right of way as shown on the map entitled “Map 2-South Chatham Overlay District” and dated March 2016 said map being both attached to this Town Meeting warrant and on file with the Town Clerk.

Amend the **Protective (Zoning) Bylaw** to create regulations for the South Chatham Overlay District as follows:

Amend **Section III., District Regulations, Subsection A. Type of Districts** by adding the following in the second list under the words, “In addition the following overlay districts are established” as a last item:

South Chatham Overlay District: SC

Amend **Section IV., Overlay Regulations**, by adding the following Subsection in its entirety:

E. South Chatham Overlay District (SC)

1. Purpose

The South Chatham neighborhood center is intended to provide an opportunity for limited commercial/business development while preserving the historical seaside village character of the neighborhood.

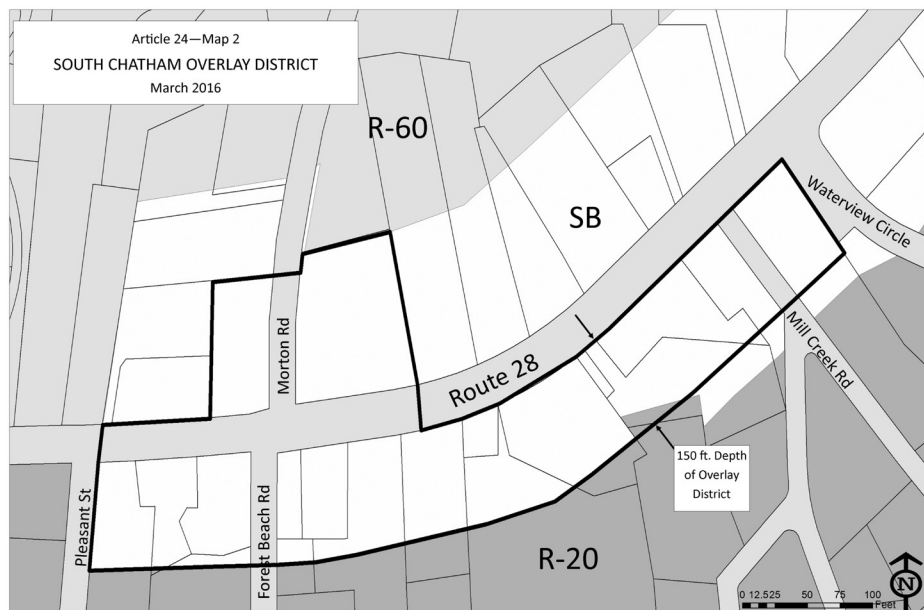
2. Location

The South Chatham Overlay District is located along the Route 28 corridor in South Chatham from approximately 100 feet west of Morton Road to approximately 190 feet east of Morton Road on the north side and from Pleasant Street to approximately 100 feet east of Mill Creek Road on the south side as more specifically shown on the Zoning Map dated May 9, 2016.

3. Uses

a. All uses permitted in the underlying Residential 20 (R20) zoning district shall be permitted in the SC Overlay District pursuant to Appendix I Schedule of Use Regulations and other applicable provisions of the Bylaw.

Article 24



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Amend **Appendix II, Schedule of Dimensional Requirements**, by adding the following district row for SC Overlay and adding the following footnote 14:

District	Min. Lot Size (sq ft)	Min. Frontage (feet)	Minimum Building/Structure Setbacks ^{9, 10}				Max. Lot Coverage	Max. Bldg Coverage	Reg. Green Area	Maximum Bldg. Height		Min. Parking Setbacks	
			Road (ft)	Abutter (ft)	Coastal (ft)	Inland (ft)				Stories	Feet	Road (ft)	Abutter (ft)
SC Overlay ¹⁴	20,000	100	25	15	50	25	50%	20%	50%	2 ½	30	20	15

¹⁴ These dimensional requirements shall apply only to a lot or structure housing an overlay use as provided for in Section IV. E. of this Bylaw. Other uses as allowed for under the underlying zoning district of R20 shall be subject to the R20 Dimensional Requirements.

(Planning Board)

b. Additionally, the following overlay uses shall also be permitted in the SC Overlay District by Special Permit. These overlay uses shall be pursuant to the requirements of this Section IV. E. herein and to any applicable requirements of Section VII Special Regulations and other applicable provisions of the Bylaw.

- Antique Shop, Art Gallery and Gift Shop
- Apartment Incidental to a Commercial use and Industrial Use
- Bank
- Lunch Room
- Personal and Household Services
- Professional Office
- Retail Sales and Services

c. The overlay uses allowed by Special Permit in b. above shall be required to obtain Site Plan Approval pursuant to regulations set forth in Section VI, Subsection A. Site Plan Review

d. No individual overlay use allowed by Special Permit in b. above shall have a unit size of greater than 2,500 square feet of floor area.

e. The overlay uses allowed by Special Permit in b. above are subject to Appendix II Schedule of Dimensional Requirements.

4. Procedure

The development of any overlay use, or change in an existing use to an overlay use, shall be required to obtain Site Plan Approval pursuant to regulations set forth in Section VI, Subsection A. Site Plan Review and shall require a Special Permit from the Zoning Board of Appeals pursuant to Section VIII.C. and other applicable provisions of the Bylaw.

Amend **Section VI, Supplementary Regulations, Subsection B. Parking Requirements** by adding to Subsection (4) the following paragraph after the first paragraph:

Within the SC Overlay District, parking requirements for any overlay use shall be pursuant to Section VI.B. Any additional required parking spaces within the SC shall be located to the side or rear of the lot to the

maximum extent practicable. The Planning Board shall determine maximum extent practicable during the *Site Plan* Review process and shall document reasoning for determination to the Zoning Board of Appeals prior to the *Special Permit* hearing.

Amend **Section VII., Special Regulations, Subsection B.3. Antique Shop, Art Gallery or Gift Shop**, by amending the first sentence to now read as follows:

Permitted in the Small Business (SB) District and allowed by Special Permit in the South Chatham Neighborhood (SC) Overlay District as follows:

Amend **Section VII., Special Regulations, Subsection B.4. Apartment, Incidental to a Commercial Use** and Industrial Use by amending the first sentence to now read as follows and by adding a paragraph number 5. in subsection a. as follows:

Permitted in the Industrial (I) Districts and allowed by Special Permit in the General Business (GB) Districts and in the South Chatham Neighborhood (SC) Overlay District as follows:

a.5. In the SC District, there shall be no more than two (2) apartments in any one building.

Amend **Section VII., Special Regulations, Subsection B.16. Restaurant, Lunch Room, Bar, Tavern, Fast-Food or Takeout Restaurant** by adding the following section to the end of the existing section:

Lunch Room is allowed by Special Permit in the South Chatham Neighborhood (SC) Overlay District pursuant to Section IV.E. as an overlay use provided that the regulations as listed in Section IV.E.3.c. d. and e. have been met.

Amend **Appendix I., Schedule of Use Regulations**, by adding the following footnote “6” to the R20 column to the following uses:

- Antique Shop, Art Gallery and Gift Shop⁶
- Apartment Incidental to a Commercial use and Industrial Use⁶
- Bank⁶
- Lunch Room⁶

- Personal and Household Service⁶
- Professional Office⁶
- Retail Sales and Services⁶

⁶ Also allowed in the South Chatham Neighborhood (SC) Overlay District pursuant to Section IV.E.

MOTION: Peter Cocolis, Chairman, Planning Board, moved that the Town vote to amend its Protective (zoning) Bylaw as printed in the Warrant for Article 24 with the exception of the proposed removal of the South Chatham Flexible Development Overlay District as the removal of this overlay district is already accomplished through adoption of Article 23.

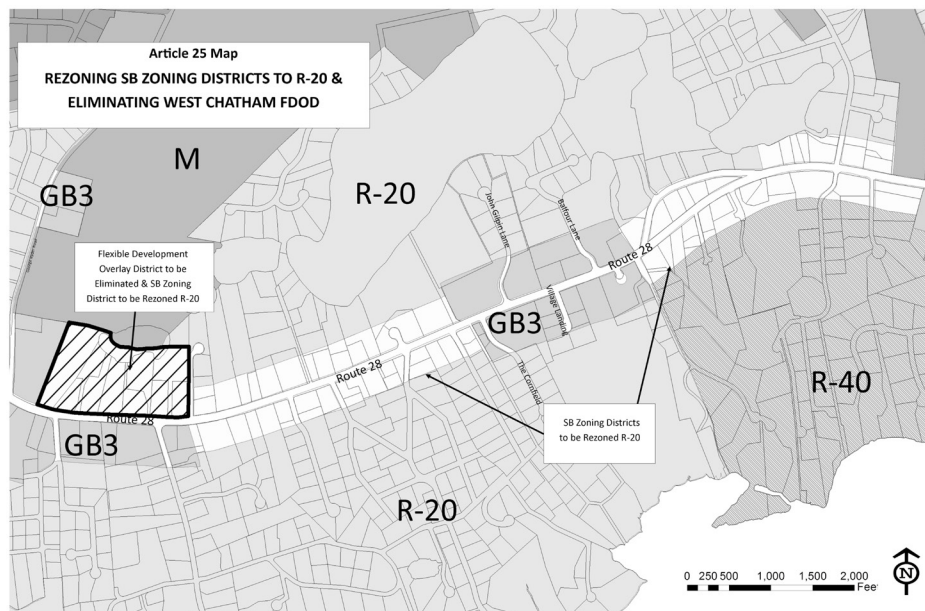
Explanation: The Purpose of the Article is to create a distinct South Chatham neighborhood center with surrounding residential areas by eliminating the South Chatham Flexible Development Overlay District and rezoning the section of Main Street in South Chatham that is currently zoned Small Business (SB) to 20,000 square foot residential zoning “R20”; and then creating a South Chatham Overlay District allowing limited commercial uses of limited scale by site plan approval and special permit. Parking for commercial uses is also required, to the maximum extent practicable, to be to the side or rear of the property to help preserve the residential character of the neighborhood.

The Comprehensive Plan describes South Chatham as “a quiet, rural neighborhood with very limited commercial activity. The predominant land use is residential.” This proposed amendment is consistent with the following Goals and Policies set forth in the Land Use section of the Comprehensive Plan:

- “...zoning shall be changed to limit the size of some neighborhood centers to keep development contained therein, change existing small business districts to residential zoning, and create specific criteria unique to each neighborhood center.” (LU Goal 1.1)

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Article 25



- “Preserve neighborhood character; limit business to small, neighborhood establishments; prevent expansion of commercial area; ... (LU Goal 1.2, Policy LU26)

Board of Selectmen Recommendation:

Approve 4-1-0

Finance Committee Recommendation:

Approve 7-0-0

Planning Board Recommendation:

Approve 4-0-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted by well over the requisite 2/3rds majority, declared the Moderator.

ARTICLE 25 – Protective (Zoning) Bylaw Amendment – Eliminate Two (2) SB Zoning Districts Along Route 28 Corridor and The West Chatham Flexible Development Overlay District and Re-Zone These Areas to Residential 20 (R20) Zoning District (In-Between Areas)

To see if the Town will vote to eliminate two Small Business (SB) zoning districts along Route 28 corridor by rezoning the following parcels from a Small Business (SB) zoning district to a Residential R20 zoning district as shown on the map entitled “Map 1-Rezoning SB Zoning

Districts to R20 & Eliminating West Chatham FDOD” and dated February 2016, said map being both included in this Town Meeting warrant and on file with the Town Clerk.

Also amending Section IV.D. – Flexible Development District by deleting Subsection 3.b. as follows:

3.b. ~~The SB (FD) District bounded westerly by the westerly property line of Sumner G. N. Harding and Jean C. Harding; northerly by land of the Town of Chatham, by Bearse’s Pond, and by a line five hundred (500) feet from, and parallel to Route 28; easterly by Wheldon Way; and southerly by Route 28, excluding therefrom any land lying within the bounds of the adjoining Conservancy District.~~

And renumber the remaining subsections accordingly.

(Planning Board)

MOTION: Peter Cocolis, Chairman, Planning Board, moved that the Town vote to amend its Protective (zoning) Bylaw as printed in the Warrant for Article 25 with the exception of the proposed removal of the West Chatham Flexible Development Overlay District as the removal of this overlay district is already accomplished through adoption of Article 23.

Explanation: The Purpose of the Article is to create residential districts in between specific, designated neighborhood centers to reduce commercial sprawl, consistent with Goal 1.1 of the Comprehensive Plan, which specifically calls for changing existing small business districts to residential zoning. The existing Small Business district is a residential zoning district which allows small businesses such as antique shops, art galleries and gift shops as well as small scale

restaurants and offices to be co-located with residences. Boarding houses, dormitories and group dwellings are also allowed in this district. While such uses would no longer be allowed in the areas to be rezoned, existing businesses would be allowed to continue to exist and would be able to be altered or expanded through a special permit process.

Board of Selectmen Recommendation:

Approve 4-1-0

Finance Committee Recommendation:

Approve 6-1-0

Planning Board Recommendation:

Approve 4-0-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted by a virtually unanimous vote, certainly well in excess of the 2/3rds, declared the Moderator.

Article 26 – Protective (Zoning) Bylaw Amendment;

Flexible Development Overlay Districts (FDOD) Waiver Removal

~~Strikethrough~~ indicates language proposed for deletion

Underline indicates language proposed for inclusion

Bold Italicized Words are defined in the existing Bylaw

To see if the Town will vote to delete the existing provision in the Flexible Development District regulation which allows the Planning Board as Special Permit Granting Authority to waive or modify dimensional requirements with the Flexible Development Overlay Districts as follows:

Amend **Section IV, Overlay Regulations;** Subsection **D. Flexible Development District**, by amending subsection 2.b. by deleting the second sentence of that paragraph as follows:

2. Procedure

b. The plans for a Flexible Development shall comply with the specific requirements *for multi-family dwellings, independent living facilities or congregate living facilities*, whichever applicable, set forth in Section VII of this Bylaw. ~~The Board may waive or modify these dimensional requirements if it is found that such waiver or modification will not substantially derogate from the purpose and intent of this Bylaw and that such waiver or modification may be granted without substantial detriment to the neighborhood or overall public good.~~

(Planning Board)

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MOTION: Peter Cocolis, Chairman, Planning Board, moved that the Town vote to amend its Protective (Zoning) Bylaw as printed in the Warrant for Article 26.

Explanation: This article eliminates the existing provision within the Flexible Development District with authorizes the Planning Board as the Special Permit Granting Authority in the Flexible Development Overlay Districts ("FDOD") to be able to 'waive or modify' the dimensional requirements within the FDODs. If this article is adopted, then the Planning Board would no longer have the authority to waive any dimensional requirements within the FDODs and all development within the FDODs would be required to meet all dimensional requirements set forth in the Protective Bylaw. This amendment would apply to all FDODs.

**Board of Selectmen Recommendation:
Approve 5-0-0**

**Finance Committee Recommendation:
Approve 7-0-0**

**Planning Board Recommendation:
Approve 4-0-0**

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted unanimously.

Article 27 – Citizen Petition: Protective (Zoning) Bylaw Amendment; Deletion of North Chatham Flexible Development Overlay District

To see if the Town will vote to amend its Protective Bylaw (Zoning) by deleting Subsection d. of Section IV, Paragraph D.3. Flexible Development District, as set forth below, or to take any other action relative thereto:

~~Strikethrough~~ indicates language proposed for deletion.

Section IV, Paragraph D.3. Flexible Development District, Subparagraph 3. Location, as follows:

The Flexible Development Overlay District is located in the following zones:

~~d. The **SB (FD) District** bounded easterly by Old Mail Road and by Misty Meadow Lane; southerly by a line three hundred (300) feet from, and parallel to, Route 28, westerly by Leo Vernon Road; southerly by Route 28; westerly by land of the Town of Chatham; northerly by a line one hundred fifty (150) feet from, and parallel to, Route 28.~~

And to redesignate the remaining subsections accordingly.

(By Petition)

MOTION: Virginia Nickerson, Petitioner, moved that the Town vote to amend its Protective Bylaw (Zoning) by deleting Subsection d. of Section IV, Paragraph D.3. Flexible Development District, as set forth in Article 27, or to take any other action relative thereto:

Explanation: As provided by the Petitioner: Flexible Development Overlay Districts (FDODs) allow multiple housing (4 dwelling units, 8 bedrooms per acre), independent living and congregate residential facilities (12 dwelling units, 24 bedrooms per acre) and commercial development. The general location of this FDOD is the neighborhood center of North Chatham. The purpose of this amendment is to eliminate development contrary to the Goals and Policies of the Comprehensive Long Range Plan. The conclusions of the 2013 Visioning Sessions for the Route 28 Corridor presumed that the elimination of all FDODs could occur based on the high density permitted, even though two FDODs were located outside of the study area. The deletion of the North Chatham FDOD, initially recommended by the Planning Board in 2015 and then abandoned and recently proposed as a Housing Overlay District with the same high density allowance as the FDODs, will help protect this district and demonstrate that such high density is not desirable. Two FDODs remain, both of which have been essentially expended (Park Place and George Ryder Road Municipal Offices).

**Board of Selectmen Recommendation:
Disapprove 1-4-0**

**Finance Committee Recommendation:
Disapprove 3-3-1**

**Planning Board Recommendation:
Disapprove 0-5-0**

Vote Required: Two-Thirds Majority

VOTE: Voice. In my opinion, that is not 2/3rds in favor, declared the Moderator. After a request from the voters for a hand count:

HAND COUNT:

Yes: 118

No: 286

The article does not prevail, declared the Moderator.

Article 28 – Protective (Zoning) Bylaw Amendment;

Fish Pier Zoning District Changes to Extend Municipal District Replacing R-40

~~Strikethrough~~ indicates language proposed for deletion.

Underline indicates language proposed for inclusion.

Bold Italicized Words are defined in the existing Bylaw.

To see if the Town will vote to amend its existing Protective (Zoning) map by rezoning a 11,196 square foot area of land consisting of a portion of two parcels located at 390 and 400 Shore Road, also identified as lots E9 and E10 on Assessor's Map 16F, from the R-40 Zone to the Municipal Zone, all as depicted on a plan entitled "Zoning Sketch", dated 02-01-16 and drawn by Eldredge Surveying & Engineering, LLC, said plan being both included in this Town Meeting warrant and on file with the Town Clerk.

Or take any action in relation thereto.

(Board of Selectmen)

MOTION: Timothy L. Roper, Board of Selectmen, moved that the Town vote to amend its zoning map by rezoning a 11,196 square foot area of land consisting of a portion of two parcels located at 390 and 400 Shore Road, also identified as lots E9 and E10 on Assessor's Map 16F, from the R-40 Zone to the Municipal Zone, all as depicted on a plan entitled "Zoning Sketch", dated 02-01-16 and drawn by Eldredge Surveying & Engineering, LLC, said plan being both included in this Town Meeting warrant and on file with the Town Clerk.

Explanation: The Town has taken a permanent easement on a portion of property owned by Chatham Bars Inn for the purpose of parking and other general public purposes at the Municipal Fish Pier. Plans have been developed to reconfigure and expand parking within the easement area to maximize available parking. During a review of permitting needs it was determined that zoning issues need to be addressed by virtue of the expanded parking being located in an R40 zoning district. The R40 district has setbacks for parking that would present obstacles to expanding the parking. Following a review with the Director of Community Development and Counsel it was determined the most appropriate mechanism to address the issue is to request Town Meeting expand the adjacent Municipal zoning district to include the easement area.

**Board of Selectmen Recommendation:
Approve 5-0-0**

**Finance Committee Recommendation:
Approve 6-0-0**

**Planning Board Recommendation:
Approve 4-0-0**

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted unanimously.

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Article 29 – Protective (Zoning) Bylaw Amendment; Conservancy and Flood Plain Overlay District Prohibited Uses

~~Strikethrough~~ indicates language proposed for deletion

Underline indicates language proposed for inclusion

Bold Italicized Words are defined in the existing Bylaw

To see if the Town will vote to amend the Flood Plain District Overlay and the Conservancy District Overlay by amending its Protective (Zoning) Bylaw as follows:

Amend Section IV.B.1. Purpose, Flood Plain District of the Protective (Zoning) Bylaw with the following language:

The purposes of the Flood Plain District are to protect the public health, safety, and general welfare, to protect human life and property from the hazards of **periodic flooding flood and tidal waters**, preserve the natural flood control characteristics and the flood storage capacity of the flood plain, and to preserve and maintain the ground water table and water recharge areas within the flood plain.

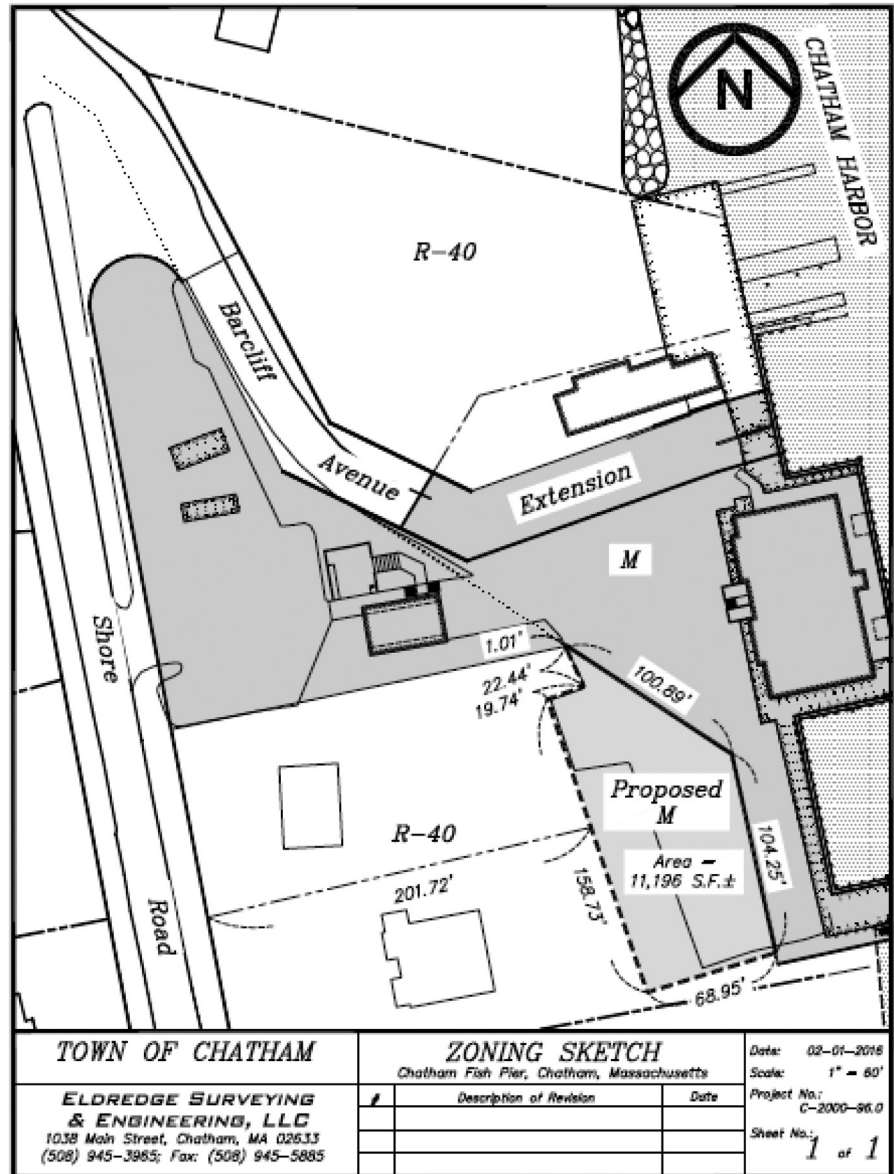
Amend Section IV.B.2, Flood Plain District of the Protective (Zoning) Bylaw to add the following language:

b. “BASE FLOOD ELEVATION” is the computed elevation to which floodwater is anticipated to rise during the base flood. Base Flood Elevations (BFEs) are shown on Flood Insurance Rate Maps and on flood profiles. The BFE is the regulatory requirement for the elevation of structures.

d. “ELEVATION CERTIFICATE” is the Town of Chatham’s official record that provides elevation information for substantial improvements in all identified Special Flood Hazard Areas (SFHA). Elevation Certificates are used to provide elevation information necessary to ensure compliance with community floodplain management ordinances, to determine the insurance premium rate, and to support a request for a Letter of Map Amendment (LOMA) from FEMA. Elevation Certificates are signed and stamped by a registered land surveyor, engineer, or architect.

e. “FREEBOARD” is a term used to describe a factor of safety expressed in feet

Article 29



above the 1-percent-annual-chance flood level.

h. “SUBSTANTIAL IMPROVEMENT” means repair, construction or alterations costing fifty (50) percent or more of the market value of the structure before improvement, or, if damaged, before damage occurred, or in the case of a foundation, work that impacts fifty (50) percent or greater of the perimeter of the foundation. (5/11/93 AFM)

Amend Section IV.B.4, Development Regulations, Flood Plain District of the Protective (Zoning) Bylaw to remove the following language that is duplicative and/or inconsistent with State Building Code:

a. All development in the district including structural and non-structural activities whether permitted by right or by Special Permit must be in compliance with the following:

1. Chapter 131, Section 40 of the Massachusetts General Laws. (See Wetlands Protection, 310 CMR 10.00, Department of Environmental Quality Engineering)
2. The State Environmental Code - Title V, Minimum Requirements for the Subsurface Disposal of Sanitary Sewage, Department of Environmental Quality Engineering
3. The Flood-Resistant Construction requirements of the Massachusetts State Building Code. (5/11/98 AFM)

c. Where flood proofing is utilized a registered engineer or architect shall

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certify that the **flood** proofing methods are adequate to withstand the **flood** depths, pressures, velocities, impact and uplift forces and other factors associated with the **base flood**.

d. In unnumbered A zones, in the absence of Federal Emergency Management Agency base flood elevation data, the **base flood** elevations shall be determined by obtaining, reviewing and reasonably utilizing any existing **base flood** elevation data from federal, state or other sources.

e. Electrical heating, ventilation, plumbing and air-conditioning equipment and other service facilities shall be designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.

f. For all **new construction** and **substantial improvements**, fully enclosed areas below the **lowest floor** that are subject to flooding shall be designed to automatically equalize hydrostatic **flood** forces on exterior walls by allowing for the entry and exit of **flood** waters. Designs for meeting this requirement must either be certified by a registered professional engineer or architect or must meet or exceed the following minimum criteria: A minimum of two (2) openings having a total net area of not less than one (1) square inch for every square foot of enclosed area subject to flooding shall be provided. The bottom of all openings shall be no higher than one (1) foot above grade. Openings may be equipped with screens, louvers, or other coverings or devices provided that they permit the automatic entry and exit of **flood** waters.

g. In all **new construction** and **substantial improvements** within Zone VE the space below the **lowest floor** must either be free of obstruction or constructed with non-supporting breakaway walls, open wood lattice-work, or insect screening intended to collapse under wind and water loads without causing collapse, displacement, or other structural damage to the elevated portion of the **building** or supporting foundation system. For the purposes of this section, a breakaway wall shall have a design safe loading resistance of not less than ten (10) and no more than twenty (20) pounds per square foot. Use of breakaway walls which exceed a design safe loading resistance of twenty (20) pounds per square foot (either by design or when so required by local or State codes) may be permitted only if a registered professional engineer or architect

certifies that the designs proposed meet the following conditions:

1. breakaway wall collapse shall result from a water load less than that which would occur during the **base flood**; and
 2. the elevated portion of the **building** and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all **building** components (structural and non-structural). Maximum wind and water loading values to be used in this determination shall each have a one (1) percent chance of being equaled or exceeded in any given year (one hundred (100) year mean recurrence interval). Such enclosed space shall be usable solely for parking of vehicles, **building** access or storage.
- i. New or replacement water and/or sewer systems shall be designed to avoid impairment to them or contamination from them during flooding.
 - j. If any part of a subdivision proposal or other new development is located within the Flood Plain District established under the Zoning Bylaw it shall be reviewed to assure that:
 1. the proposal is designed consistent with the need to minimize flood damage;
 2. all public utilities and facilities, such as sewer, gas, electrical and water systems shall be located and constructed to minimize or eliminate flood damage;
 3. adequate drainage systems shall be provided to reduce exposure to flood hazards; and
 4. base flood elevation (the level of the 100-year flood) data shall be provided for proposals greater than fifty (50) lots or five (5) acres, whichever is the lesser, for that portion within the Flood Plain District.
 - k. In Zone AE, along watercourses that have not had a regulatory floodway designated, the best available Federal, State, local, or other floodway data shall be used to prohibit encroachments in floodways which would result in any increase in flood levels within the community during the occurrence of the base flood discharge.

Amend **Section IV.B.4, Development Regulations, Flood Plain District** of the Protective (Zoning) Bylaw to add the following language:

b.a. New construction or substantial improvement of residential structures shall have the lowest floor (including basement) elevated

to not less than one (1) foot above the base flood elevation. New construction or substantial improvement of nonresidential structures shall either be similarly elevated or together with attendant utility and sanitary facilities be flood proofed to not less than base flood elevations. Incremental improvements shall be considered substantial improvements if within a five-year (5) period, they cumulatively meet the definition of "substantial improvement." (5/11/93 ATM)

h.b. No land within areas designated as V (Velocity) zones of the FIRM maps shall be developed unless such development is demonstrated by the applicant to be located landward of the reach of the mean high tide. Any manmade alteration of sand dunes in the course of such development within said designated V zones which might increase the potential for flood damage shall be prohibited. Incremental improvements shall be considered substantial improvements (see definitions) if within a five-year period, they cumulatively meet the definition of "substantial improvement." (5/11/93 ATM)

c. All **development** in the district, including structural and non-structural activities whether permitted by right or by Special Permit, and as allowed by Section IV.A.2 of the Protective Bylaw, must be in compliance with Flood Resistant Design and Construction requirements of the MA State Building Code.

d. Landscape material up to two feet in depth at the foundation and tapered to meet grade within ten feet (10) of the foundation shall not be calculated towards grade plane and shall not be considered fill as regulated in Section IV.A.4 of this Bylaw.

e. Demolition debris shall be removed from the site within fourteen (14) days of completion and not stored within a resource area or a buffer strip. If a dumpster is used to contain the debris, the dumpster will be covered. The debris will be properly disposed of in accordance with applicable federal, state, and local regulations.

f. Construction material and excavation materials will be stored completely outside of the Flood Plain District when possible based on the boundaries of the parcel and the boundaries of the designated.

g. Exposed, disturbed, or erodible soils will be protected to minimize erosion, sedimentation, pollution, and damage to the subject and adjacent properties.

Amend **Section IV.B.5, Flood Plain District** of the Protective (Zoning) Bylaw to include a new section with the following language:

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5. Prohibited Uses

The following uses and activities are prohibited in the VE Zone.

a. Addition, alteration or reconstruction of an existing structure that results in an increase in building footprint.

b. Repair of a substantially damaged existing structure which results in an increase in building footprint.

c. Any increase in impervious surface on a residential lot. This may include, but is not limited to, swimming pools, tennis/basketball courts and retaining walls. For functionally dependent projects allowed in the VE Zone, impervious surfaces accessory to the use are allowed provided a Massachusetts registered civil engineer certifies in writing that the impervious surface will not cause an increase in wave run-up, a deflection or channelization of flood waters, or an increase in the velocity of flow.

Amend Section IV.B.5, Administration, Flood Plain District of the Protective (Zoning) Bylaw to remove the following language:

c. Zoning Board of Appeals

1. The Board of Appeals may grant a variance from these requirements only upon:

a. a showing of good and sufficient cause, and

— b. a determination that failure to grant the variance would result in exceptional hardship to the applicant, and

— c. a determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public, or conflict with existing local laws, and

d. a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.

2. A variance shall not be issued within any designated regulatory flood way if any increase in flood levels during the base flood discharge would result.

3. If a variance is granted, the Board of Appeals shall notify the applicant in writing over their signature that:

a. the issuance of such variance to construct a structure below the base flood elevation will result in increased premium rates for flood insurance up to amounts as high as twenty-five (25) dollars for one hundred (100) dollars of insurance coverage, and

b. such construction below the base flood level increases risks to life and property.

4. The Board of Appeals will maintain a record of all variance actions, including justification for their issuance and report such variances issued in the Annual Report submitted to the Federal Insurance Administration.

5. Variances may be issued for the reconstruction, rehabilitation, or restoration of structures listed on the National Register of Historic Places or on State Inventory of Historic Places, without regard to the procedures set forth above.

6. Variances for functionally dependent uses will be considered for those docking facilities, port facilities that are necessary for the loading and unloading of cargo or passengers, and ship building repair facilities, but does not include long-term storage or related manufacturing facilities.

Amend and rename Section IV.B.5, Administration, Flood Plain District of the Protective (Zoning) Bylaw to:

5. 6. Administration

Amend Section IV.A.2. Permitted Uses, Conservancy District of the Protective (Zoning) Bylaw to strike and add the following language:

d. The maintenance to minimum legal and practical width and height of all roads and driveways that exist as of July 1, 2007.

d. The maintenance of legally permitted fences and driveways that exist as of July 16, 2014.

Amend Section IV.A.4. Prohibited Uses, Conservancy District of the Protective (Zoning) Bylaw to add the following language:

a. No person shall fill, place or dump in a Conservancy District any soil, loam, peat, sand, gravel, rock or other material substance, refuse, trash, rubbish, debris or dredged material, except, with the exception of landscaping material as allowed under Section IV.B.4 of this Bylaw.

d. No person shall construct a new residential *dwelling unit*, or use a houseboat or barge designed or used as a *dwelling unit* in the Conservancy District.

e. No person shall construct any new building *(except as allowed with a marina or boatyard under Section IV.A.3.b of this Bylaw)* in Zones V and V1-30 a VE Zone, as defined on

the Flood Insurance Rate Maps, prepared by the National Flood Insurance Program for the Town of Chatham, dated ~~June 20, 1998~~ July 16, 2014.: (5/H/98-ATM)

(Planning Board)

MOTION: Peter Cocolis, Chairman, Planning Board, moved that the Town vote to amend its Protective (Zoning) Bylaw as printed in the Warrant for Article 29.

Explanation: The Purpose of the Article is to remove language in the Flood Plain Overlay District that is duplicative or inconsistent with the Massachusetts State Building Code, to add a category of prohibited uses in the Velocity (or VE) Zone, and to clarify prohibited uses within the Conservancy District.

Board of Selectmen Recommendation:

Approve 4-1-0

Finance Committee Recommendation:

Approve 6-0-0

Planning Board Recommendation:

Approve 4-0-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted by more than the requisite 2/3rds majority, declared the Moderator.

Article 30 – Protective (Zoning) Bylaw Amendment; Conservancy District Boundary and Height Changes

~~Strikethrough~~ indicates language proposed for deletion

Underline indicates language proposed for inclusion

Bold Italicized Words are defined in the existing Bylaw

To see if the Town will vote to amend the Conservancy District Overlay by amending its Protective (Zoning) Bylaw as follows:

Amend Section IV.A.5. Location, Conservancy District of the Protective (Zoning) Bylaw to add the following language:

1. Areas delineated as the 100-year flood plain (Zones A, AO, AH, A1-30, A99, V and V1-30 ~~A, AE, AO, VE and X~~) on the Flood Insurance Rate Maps, prepared by the National Flood Insurance Program for the Town of Chatham dated ~~June 20, 1998~~ July 16, 2014.: (5/H/14-ATM)

Amend Section IV.A.3. Special Permit Uses, Conservancy District of the Protective (Zoning) Bylaw to amend and add the following language:

a. The construction of *catwalks, piers* (per

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requirements of Section IV.A.6.c), ramps, stairs, unpaved trails, *boathouses*, boat shelters, *roadside stands*, fences, wildlife management shelters, foot bridges, observation decks or shelters, tennis courts, and *structures* used in conjunction with a *fishing use*. Such ~~*structures*~~ shall conform to the *street setback* and *abutters setback* for the district in which the *lot* is located, and shall be constructed so as to permit the reasonably unobstructed flow of water and preserve the natural contour of the area. *Structures* shall not exceed twenty (20) feet in height. ~~Provided there is no expansion, those dwellings which existed prior to January 16, 1992 and are required by the Building Inspector to be elevated in accordance with FEMA Regulations, shall not be required to conform to the twenty (20) foot height restriction. (5/11/92-ATM):~~

*See specific requirements of Section IV.A.6.c. below:

b. Dwellings located within the 100-year flood plain on the effective Flood Insurance Rate Maps for the Town of Chatham may elevate to meet Base Flood Elevation (BFE) requirements. An Elevation Certificate prepared by a licensed professional is required to determine BFE. The maximum allowable height of the elevated structure may only exceed the existing ridge height, as measured from the top of the existing foundation, by the minimum height necessary to meet BFE and freeboard requirements of the State Building Code. No dwelling shall exceed thirty (30') feet in height, as measured from the lowest adjacent grade determined by the Elevation Certificate.

(Planning Board)

MOTION: Peter Cocolis, Chairman, Planning Board, moved that the Town vote to amend its Protective (zoning) Bylaw as printed in the Warrant for Article 30 with the exception that the words “and X” shall be deleted from the amendment of Section IV.A.5 paragraph 1.

Explanation: The Purpose of the Article is to extend the Conservancy District Boundary to be consistent with the 2014 Flood Insurance Rate Maps for the Town of Chatham; to amend language in the Conservancy District to remove a 20' height restriction, and; to include language to control building height that will allow reasonable and equitable flood hazard mitigation for properties in the flood plain.

Board of Selectmen Recommendation:

Approve 4-1-0

Finance Committee Recommendation:

Approve 6-0-0

Planning Board Recommendation:

Approve 4-0-0

Vote Required: Two-Thirds Majority

VOTE: Voice. In my opinion, more than the requisite 2/3rds have it, declared the Moderator.

After a request for a hand count from the voters:

HAND COUNT:

YES: 278

NO: 56

That Is more than the requisite 2/3rds majority, the article passes, declared the Moderator.

Article 31 – Protective (Zoning) Bylaw Amendment; Nonconforming Lots, Buildings & Uses

~~Strikethrough~~ indicates language proposed for deletion

Underline indicates language proposed for inclusion

Bold Italicized Words are defined in the existing Bylaw

To see if the Town will vote to amend the Nonconforming Lots, Buildings & Uses section of its Protective (Zoning) Bylaw as follows:

Amend Section V.B. Nonconforming Lots, Buildings & Uses - Enlargement, Extension or Change of the Protective (Zoning) Bylaw to add the following language:

12. For those dwellings located in the flood plain, as defined on the Flood Insurance Rate Maps, prepared by the National Flood Insurance Program for the Town of Chatham, dated July 16, 2014, the following additional criteria shall apply:

a. The extent of lateral expansion proposed, and

b. The extent to which lateral expansion impacts the impervious area of the site.

(Planning Board)

MOTION: Peter Cocolis, Chairman, Planning Board, moved that the Town vote to amend its Protective (Zoning) Bylaw as printed in the Warrant for Article 31.

Explanation: The Purpose of the Article is to amend language in the Nonconforming Lots, Buildings & Uses section to provide additional criteria to the Special Permit Review

process for flood hazard mitigation projects. When elevating a home, some degree of lateral expansion may be necessary to maintain livability and meet building code requirements. This Article proposes to provide the ZBA with criteria to balance the need for lateral expansion with proposed increases in impervious area on a site for those dwellings located in the flood plain that seek a Special Permit to elevate.

Board of Selectmen Recommendation:

Approve 4-1-0

Finance Committee Recommendation:

Approve 6-0-0

Planning Board Recommendation:

Approve 5-0-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted by more than the requisite 2/3rds majority, declared the Moderator.

Article 32 – Town of Chatham Rules and Regulations of the Sewer Department

To see if the Town will vote to amend the “Town of Chatham Rules and Regulations of the Sewer Department” adopted under Article 57 of the March 15, 1972 Annual Town Meeting and revised under Article 33 of the May 11, 2004, Annual Town Meeting, Article 21 of the May 9, 2005, Annual Town Meeting, Article 35 of the May 12, 2008, Annual Town Meeting, Article 9 of the August 27, 2012 Special Town Meeting, Article 3 of the October 7, 2013 Special Town Meeting, and Articles 29 & 42 of the May 12, 2014 Annual Town Meeting as follows:

~~Strikethrough~~ indicates language proposed for deletion.

Underline indicates language proposed for inclusion.

Note – only those Articles/Sections of the Regulations being revised are shown.

ARTICLE II

REGULATION OF SEWER FLOW

Section 1. Existing Structures.

Any structure in existence on May 10, 2005, regardless of its flow, may maintain that flow. No person shall modify an existing structure or change its use so as to increase its sewage flow, except as permitted herein. Title 5 System Sewage Flow Design Criteria contained in 310 CMR 15.203, and any Board of Health Regulation modifying such, shall be used to determine whether a proposed modification

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or change in use shall constitute an increase in sewage flow. Expansion or modification of existing structures, which may result in increased flow, shall not be allowed unless the increase is in compliance with the Board of Health Regulations in effect on May 10, 2005 May 11, 2006; or additional flow is approved under Section 4 hereof, Expansion; or a variance pursuant to Section 5 9 hereof is first obtained. Any approved increase in flow is subject to the time limitations of Section 7; except as currently allowed under Part #1 of the Town of Chatham "Sewer Bank" Allocation & Permit Policy for properties connected to the sewer as of May 10, 2005.

Section 2. Determination of Present Sewage Flow.

Sewage flow to the municipal sewer shall be determined calculated using provisions set forth in 310 CMR 15.203: Title 5 System Sewage Flow Design Criteria, and any local Board of Health Regulation modifying such in effect on May 10, 2005 May 11, 2006. The owner of any property shall, upon reasonable notice and request, allow an inspection of a property for a determination of flow by an agent of the Board of Health, except that in lieu of this inspection, the owner of the property may submit a floor plan with sufficient detail to account for all outside structure dimensions. This floor plan must bear the signature of approval of a Certified Septic System Inspector.

Section 3. Undeveloped Parcels.

For the purpose of determining sewer flow, any existing lot, otherwise qualified, may be permitted for that sewage flow as determined under the Board of Health Regulations in effect on May 10, 2005 May 11, 2006, or 310 CMR 15.000 et seq., whichever flow is less.

Section 4. Expansion.

A. Single Family Residential Properties. Consistent with the Board of Health Interim Nitrogen Loading Regulation revised on May 11, 2006 which allows for the possible addition of one (1) bedroom, above that otherwise allowed, with the use of a nitrogen reducing Innovative/Alternative Technology septic system, one (1) additional bedroom (the flow equivalent of 110 gpd) may be allowed for single-family residential properties connected to, or scheduled to be connected to the sewer within two (2) years, subject to the following:

1. Properties that have already been approved for the additional bedroom under a Board of Health variance or sewer application are not eligible under this Section 4A.
2. Requests under this Section 4A must be made in writing, including floor plans showing existing and proposed conditions to verify and confirm the number of allowed bedrooms, to the DPW Director for review and approval, such approval to be granted upon determination of compliance with the Rules and Regulations of the Sewer Department.
3. All necessary local approvals for addition of said bedroom, as applicable, have been issued.
4. Single Family residential properties granted flow under this Section may be granted additional flow under a Hardship Variance, Section 9.

B. Non Single Family Residential Properties.

Requests for an increase in sewage flow for other than single family residential properties (4A above), including but not limited to, commercial, industrial, mixed-use, multi-family, or institutional properties shall be made in writing to the Water and Sewer Commissioners for determination. Such request shall include floor plans showing existing and proposed conditions. Such requests may be granted contingent upon determination of compliance with the Rules and Regulations of the Sewer Department and parity with septic system flow.

1. Requests under this Section shall be submitted in writing, including all the documentation cited above, to the Water and Sewer Advisory Committee for review during a posted public meeting, followed by a recommendation to the Water and Sewer Commissioners, who shall thereafter hold a public hearing on the request.
2. The hearing of the Water and Sewer Commissioners shall commence within 45 days of the date that the request is submitted and a decision thereon shall be issued within 14 days from the close of the public hearing.
3. All other necessary local approvals as applicable have been issued.

Section 5. Changes in Sewage Flow.

A. Changes in the calculated Title 5 System Sewage Flow Design Criteria flow associated with an individual existing connection that

do not result in any increase in sewage flow to the sewer system are permitted with the approval, without waiver, of the appropriate Town Departments, Boards, Committees, and/or Commissions. The request shall be made in writing to the DPW Director indicating existing use(s) and flow(s) and proposed use(s) and flow(s).

B. Should a change in Title 5 System Sewage Flow Design Criteria flow result in a decrease in the sewage flow needs for the property, the owner may elect to return unused flow to the Town, subject to applicable provisions of law. Following a review, by Town staff and owner, of the historic and current flow and agreement between Town staff and owner on the amount of unused flow, the property owner may, by affidavit, return the unused flow to the Town. Such affidavit shall indicate the owner is willingly returning the unused flow and recognizes the limitations this may place on future land uses or expansion of existing land uses on the property. Such unused flow returned to the Town is subject to further use by the Town at its discretion. A property owner who returns unused flow to the Town accrues no advantages if future land use or expansion of existing land uses on the property or other property(s) is desired. The property owner shall submit an application subject to all provisions of this Article II.

Section 6. Sewage Flow Transfers.

Transfer of Title 5 System Sewage Flow Design Criteria flow from one property to another property is prohibited.

Section 7. Time Limitation.

If an approved sewage flow increase is not actually used within two (2) years from the date the flow increase was approved, the sewage flow increase shall revert to the Town automatically unless, upon application from the applicant submitted in writing to the DPW Director prior to such two (2) year date, the Water and Sewer Commissioners grant an extension of time for good cause shown prior to the two (2) year period from the approval. Good cause may include but shall not be limited to a demonstration that pursuit of other regulatory permits has caused delays; or that other practical barriers to completing construction have caused unforeseen delays. The burden of proof shall be on the applicant and the matter shall be reviewed by the Water and Sewer Commissioners at a posted public meeting. An applicant shall be allowed no more than one extension of time for a period not to exceed one year.

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Section 8. Rebuilding because of fire, flood, storm or other acts of nature.

A property owner may rebuild a structure destroyed by fire, flood, storm or other acts of nature as a matter of right provided that the new structure does not exceed the sewage flow of the structure being replaced.

Section 9. Hardship Variance.

A. General Procedure

All applications for a hardship variance as set forth below shall be submitted in writing to the Water and Sewer Advisory Committee for review during a posted public meeting, followed by a recommendation to the Water and Sewer Commissioners, who shall thereafter hold a public hearing on the application. Each application shall include a list prepared by the applicant and certified by the Assessors of the Town naming all abutters to the subject property. Such abutters and parties in interest shall be notified of the hearing, by certified or registered mail, no less than two weeks prior to the hearing.

B. Hardship Variance

In the case of unusual and substantial hardship, established by a preponderance of the evidence, which must be substantiated by the applicant, not the result of acts or omissions of the landowner, ~~the Board of the Water and Sewer Commissioners~~, after a public hearing, as aforesaid, may grant a variance to this part of the regulation, in whole or in part, provided that sufficient capacity exists and such relief may be granted without substantially derogating from the intent or purpose of this regulation.

Section 10. Appeals.

Any person aggrieved by the final decision of the Water and Sewer Commissioners under these regulations shall have standing to seek relief by way of a petition of certiorari under MGL Chapter 249 §4.

Section 11. Town of Chatham Sewer Bank Allocation and Permit Policy.

The Water and Sewer Commissioners may from time to time adopt policies, procedures, and protocols not inconsistent with these regulations.

Or take any other action in relation thereto.
(Board of Selectmen as Water and Sewer Commissioners)

MOTION: Cory J. Metters, Board of Selectmen, moved that the Town vote to amend the “Town of Chatham Rules and Regulations of the Sewer Department” adopted under Article 57 of the March 15, 1972 Annual Town Meeting and subsequently amended in 2004, 2005, 2008, 2012, 2013, and 2014 as printed in the Warrant for Article 32.

Explanation: In 2005 the Annual Town Meeting adopted Article II, Regulation of Sewer Flow, as part of the Town of Chatham Rules and Regulations of the Sewer Department.

In 1998 the Board of Selectmen voted to adopt the “Town of Chatham Sewer Bank Allocation & Permit Policy” in conformance with Administrative Consent Order ACO-SE98-1002. The original 1998 Policy was superseded in 2010 by a Revised policy in response to a change in permitted flow at the Water Pollution Control Facility as a result of a re-negotiated Groundwater Discharge Permit (GWDP).

In early 2013 MADEP released the Town from ACO-SE98-1002 having determined that “the town has fulfilled its obligations, and the ACO is no longer in force or effect.”

In response to the release of the ACO the Water & Sewer Advisory Committee (W&SAC) and staff began a review of Article II and the 2010 Revised Town of Chatham Sewer Bank Allocation & Permit Policy. The intent of this review is to update Article II, incorporate provisions from the Revised Policy that are important to the community, and codify those situations which could be handled routinely at the staff level.

The following provides a brief synopsis of proposed changes to Article II and the “origin” of the changes:

Section 1. Existing Structures – from the 2005 original Article II with updates to reference Board of Health Regulations as of May 11, 2006 (these are the Regulations that codified the one additional bedroom with I/A technology for properties on septic systems) and deletion of reference to Sewer Bank Policy.

Section 2. Determination of Present Sewage Flow – from the 2005 original Article II with date update.

Section 3. Undeveloped Parcels – from the 2005 original Article II with date update.

Section 4. Expansion – this is a new section in Article II, derived from the 2010 Policy

that codifies the ability of single-family residential and non-single-family residential properties to obtain flow increases, under limitations, as had occurred under the 1998 and 2010 Policies.

Section 5. Changes in Sewage Flow – derived from Part #3 of the 2010 Policy.

Section 6. Sewage Flow Transfers – this is a new section in Article II, maintaining the moratorium on sewage flow transfer between properties enacted by the Board of Selectmen in 1999.

Section 7. Time Limitation – derived from Part #1 of the 2010 Policy. Time period for use of sewer flow increases extended to 2 years for consistency with zoning time periods.

Section 8. Rebuilding because of fire, flood, storm or other acts of nature – from 2005 original Article II, no changes.

Section 9. Variances – this section expands on the Hardship Variance section that was in the 2005 Article II by including new “General Procedures”. The General Procedures mandates a public hearing process for variances.

Section 10 Appeals – new section in Article II, adds right of appeal.

Section 11. Town of Chatham Sewer Bank Allocation and Permit Policy – new section in Article II.

Board of Selectmen Recommendation:
Approve 4-1-0

Finance Committee Recommendation:
Approve 4-3-0

VOTE: Voice. In my opinion, it is clearly a majority. With no request for a count, the Moderator declared “Article 32 is voted by a majority vote.”

Article 33 – Citizen Petition: Amendments to Town of Chatham Rules and Regulations of the Sewer Department

To see if the Town will vote to amend Article II of the Town of Chatham Rules and Regulations of the Sewer Department, as heretofore adopted at the May 9, 2005 Annual Town Meeting, and as such Rules and Regulations were thereafter amended by action of the August 27, 2012 Special Town Meeting, October 7, 2013 Special Town Meeting, and May 12, 2014 Annual Town Meeting, as follows, or to take any other action relative thereto:

~~Strikethrough~~ indicates language proposed for deletion;

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Bold, Italic, Underline indicates language proposed for insertion.

ARTICLE II. REGULATION OF SEWER FLOW

Section 1. Existing Structures.

Any structure in existence on May 10, 2005 regardless of its flow, may maintain that flow. No person shall modify an existing structure or change its use so as to increase its sewage flow, **except as permitted herein. Title 5 System Sewage Flow** Design criteria contained in 310 CMR 15.203, and any Board of Health Regulation modifying such, shall be used to determine whether a proposed modification or change in use shall constitute an increase in sewage flow. Expansion or modification of existing structures, which may result in increased flow, shall not be allowed unless the increase is in compliance with the Board of Health's Regulations in effect on May 10, 2005, **May 11, 2006; or additional flow is approved under Section 4, hereof, Expansion;** or a variance pursuant to Section 5 **9 below hereof** is first obtained; **Any approved increase in flow is subject to the time limitations of Section 7;** except as currently allowed under Part #1 of the **Town of Chatham "Sewer Bank" Allocation & Permit Policy** for properties connected to the sewer as of May 10, 2005.

Section 2. Determination of Present Sewage Flow.

Sewage flow to the municipal sewer shall be determined **calculated** using provisions set forth in 310 CMR 15.203: **Title 5** System Sewage Flow Design Criteria, and any local Board of Health Regulation modifying such in effect on May 10, 2005 **May 11, 2006**. The owner of any such property shall, upon reasonable notice and request, allow an inspection of a property for a determination of flow by an agent of the Board of Health, except that in lieu of this inspection, the owner of the property may submit a floor plan with sufficient detail to account for all outside structure dimensions. This floor plan must bear the signature of approval of a Certified Septic System Inspector.

Section 3. Undeveloped Parcels.

For the purpose of determining sewer flow, any existing lot, otherwise qualified, may be permitted for that sewage flow as determined under the Board of Health's Regulations in effect on May 10, 2005 **May 11, 2006**, or 310 CMR 15,000 et. Seq., whichever is less.

Section 4. **Expansion. Rebuilding because of fire, flood, storm or other acts of nature.** (See Section 8.)

A. Consistent with the Board of Health Interim Nitrogen Loading Regulation revised on May 11, 2006 which allows for the possible addition of one (1) bedroom, above that otherwise allowed, with the use of a nitrogen reducing Innovative/Alternative Technology septic system, one (1) additional bedroom (the flow equivalent of 110 gpd) may be allowed for single-family residential properties connected to, or scheduled to be connected to the sewer within two (2) years, subject to the following:

1. Properties that have already been approved for the additional bedroom under a Board of Health variance or sewer application are not eligible under this Section 4A.

2. Requests under this Section 4A must be made in writing, including floor plans showing existing and proposed conditions to verify and confirm the number of allowed bedrooms, to the DPW Director for review and approval, such approval to be granted upon determination of compliance with the Rules and Regulations of the Sewer Department and these provisions of amended Article II.

3. All necessary local approvals for addition of said bedroom, as applicable, have been issued.

4. Single Family Residential Properties granted flow under this Section may be granted additional flow under a Hardship Variance, Section 9.

B. Emergency Projects or Projects of Significant Community Value.

Should additional sewage flow to a property connected or about to be connected to the sewer system be required solely by reason of (i) a public health matter, environmental problem or similar emergency, or

(ii) a project of significant importance and/or significant community value other than the furthering of the private interest of the applicant,

a Special Application may be filed by the applicant with the Water & Sewer Advisory Committee for their review and recommendation to the Water & Sewer Commissioners for their decision. Upon a finding by the majority of the Commissioners that an emergency exists under (i) above or that

the project meets the requirements of (ii) above, the Commissioners shall be empowered to award such additional flow as may be necessary, subject to such conditions as the Commissioners may determine. The remaining provisions of this Article II shall be fully applicable to the public hearings and decisions of both the Committee and the Commissioners.

Section 5. Changes in Sewage Flow.

(See Section 9.)

Section 6. Sewage Flow Transfers.

Transfer of Title 5 System Sewage Flow Design Criteria flow from one property to another property is prohibited.

Section 7. Time Limitation.

If an approved sewage flow increase is not actually used within two (2) years from the date the flow increase was approved, the sewage flow increase shall revert to the Town automatically unless, upon application from the applicant submitted in writing to the DPW Director prior to such two (2) year date, the Water and Sewer Commissioners grant an extension of time for good cause shown prior to the two (2) year period from the approval. Good cause may include but shall not be limited to a demonstration that pursuit of other regulatory permits has caused delays; or that other practical barriers to completing construction have caused unforeseen delays. The burden of proof shall be on the applicant and the matter shall be reviewed by the Water and Sewer Commissioners at a posted public meeting. An applicant shall be allowed no more than one extension of time for a period not to exceed one year.

Section 4.8. Rebuilding because of fire, flood, storm or other acts of nature.

A property owner may rebuild a structure destroyed by fire, flood, storm or other acts of nature as a matter of right provided that the new structure does not exceed the sewage flow of the structure being replaced.

Section 5.9. Hardship Variances.

A. General Procedure.

All applications for a hardship variance as set forth below shall be submitted in writing to the Water and Sewer Advisory Committee for review during a posted public meeting, followed by a recommendation to the Water and Sewer Commissioners, who shall there-

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after hold a public hearing on the application. Each application shall include a list prepared by the applicant and certified by the Assessors of the Town naming all abutters to the subject property. Such abutters and parties in interest shall be notified, by certified or registered mail, of the hearing, no less than two weeks prior to each of the hearings before the Water and Sewer Advisory Committee and the Water and Sewer Commissioners.

B. Hardship Variance.

In the case of unusual and substantial hardship, established by a preponderance of the evidence, which must be substantiated by the Applicant, not the result of acts or omissions of the landowner, the Board of the Water and Sewer Commissioners, after a public hearing of which notice has been given by publication and posting for a minimum of two weeks; as aforesaid, may grant a variance to this part of the regulation, provided that sufficient capacity exists and such relief may be granted without substantially derogating from the intent or purpose of this regulation.

Section 10. Appeals.

Any person aggrieved by the final decision of the Water and Sewer Commissioners under these regulations shall have standing to seek relief by way of a petition of certiorari under MGL Chapter 249 Section 4.

Section 11. Amendments, Policies, or Other Changes which Regulate Use of Town Sewers and/or Sewer Flow Allocation.

Notwithstanding anything to the contrary which may be contained herein, all amendments, changes, modifications, revisions, additions or rescissions to these Sewer Department Rules and Regulations, or any sewer bank policy, procedure, protocol, amendment, modification or similar policy, which regulate the use of town sewers and/or sewer flow allocation, shall not be valid without the approval and authorization of a majority vote of Town Meeting.

(By Petition)

MOTION: Paul Kelley, Petitioner, moved that the Town vote to amend Article II of the Town of Chatham Rules and Regulations of the Sewer Department, as heretofore adopted at the May 9, 2005 Annual Town Meeting, and as such Rules and Regulations were thereafter amended by action of the August 27, 2012 Special Town Meeting, October 7, 2013 Special Town

Meeting, and May 12, 2014 Annual Town Meeting, as follows, or to take any other action relative thereto. (I HAVE AMENDED WORDING FROM NORM PACUN)

Explanation: As provided by the Petitioner:

The purpose of this Petition Article is to offer Chatham citizens the opportunity to ensure that Chatham's Sewer Department Regulations, Article II, are administered as intended. Article II was proposed in 2005, principally by the Friends of Chatham Waterways, for dual purposes:

(1) To ensure parity of those property owners who can connect to the new sewer system, with those who by necessity remain on individual septic systems (over 50% of the town) and who are governed by the Board of Health Regulations; and

(2) To prevent the unintended consequence of overdevelopment that is enabled by the installation of central sewers throughout the Town.

These are the reasons Article II is referred to as the Growth Neutral Regulation.

This Petition Article provides for Article II's continuation of purpose in contradiction to the article the Board of Selectmen is sponsoring. Their article authorizes the Board to make their own sewer flow allocation policies without regard to Article II, relying instead on those they created under the former Sewer Bank, or any new unspecified policies they, or a majority of three of five members, may adopt at any time in the future without review or approval of Town Meeting.

Although Town Meeting members, in 2005, overwhelmingly voted for Article II, it has not been properly implemented. Instead, the Board of Selectmen, as Water and Sewer Commissioners, has used allocation policies they revised in 2010 while the new treatment plant was under construction. These 2010 policies which contain large flow allocations for economic development, in addition to the size of our sewer treatment plant, continue to be the Selectmen's basis for granting applications of sewage flow increases more than two years after the State Department of Environmental Protection ended the order under which the original policy was authorized.

This Petition Article in many respects is essentially the same as the Selectmen's, although there are some major differences which need to be understood.

In Section 4, this Petition Article accepts the Selectmen's proposal to grant an additional

bedroom to most single family residences connecting to the sewer. In addition, this Article authorizes the Board of Selectmen to grant applicants increases in sewer flow for emergencies or projects of significant importance and community value, ones in keeping with the character of the town, and not to further an applicant's private interests.

The Selectmen's amendments would have the effect of allowing them to approve unlimited amounts of additional sewage flow to commercial or multi-family projects which they alone find "worthy" or to be "in the best interests of the town." It also allows for unlimited and wide open allocations without any real standards or criteria. It has been made clear that the intent of this provision is to totally disregard the concept of parity.

In Section 5, the Selectmen's amendments would codify so-called "give-backs." This means that when a property owner who has unneeded flow returns the allocation to the town, it would be available for the Selectmen to grant to anyone without any restrictions. In the Selectmen's version this section also allows a property owner to transfer sewage flow connections from one business to an unlimited number of other businesses on the same property, so as to effectively control flow to the property owner's own advantage, thereby changing a property's use and character.

Our Petition Article has no provision for "give-backs" or unlimited transfer of connections. These are undesirable and in conflict with parity and unnecessarily complicate the Selectmen's article.

In Section 11, the Selectmen's amendments would grant their Board, as Water and Sewer Commissioners, authority to establish future "policies, protocols or procedures," at any time, so long as these are not "inconsistent" with Sewer Regulations. Under this provision, one member's vote could determine what is or is not "inconsistent" with Article II Regulations. No Town Meeting approval would ever be required. Town Meeting would lose its authority to approve all future allocations of sewer flow.

This Petition Article continues Chatham's historical precedent of requiring all changes and amendments to sewer flow regulations, including any Sewer Bank policies, or any other modifications or policies, which regulate sewer flow, to be approved by a majority vote of Town Meeting.

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Taxpayers are spending hundreds of millions of dollars on a sewer system for the entire town. They should continue to have a voice on how it is spent.

Board of Selectmen Recommendation:

Disapprove 0-5-0 (unfavorable)

Finance Committee Recommendation:

Disapprove 2-5-0

VOTE: Voice. The No's have it, Article 33 does not prevail, declared the Moderator.

MOTION TO RECESS: At 10:55 p.m., voter Judy Thomas moved that we adjourn until 6:00 p.m. on Tuesday evening, May 10th at 6:00 p.m.

VOTE: Voice. So voted unanimously.

TOWN OF CHATHAM TUESDAY, MAY 10, 2016 ANNUAL TOWN MEETING MINUTES 2ND NIGHT

Moderator William G. Litchfield opened this second night of town meeting at 6:00 p.m. and administered the Oath of Office to volunteer tellers Stephen Davol, Sally Davol, Georgia Farrell, Stephanie Hamilton, Susan Mabile, and Donald St. Pierre. 180 voters were in attendance; exceeding our quorum of 100.

Article 34 – FY2017 Community Preservation Committee Administrative Budget

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money for the purpose of funding administrative costs associated with the Community Preservation Act, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Deborah Aikman, Chairman Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$15,000 from FY 2017 Community Preservation Fund Revenues for the purpose of funding administrative costs associated with the Community Preservation Act.

Explanation: The Community Preservation Act allows Town Meeting to appropriate up to 5% of estimated revenues for the Community Preservation Committee to carry out its statutory duties. This year \$15,000 is being requested for clerical expenses, appraisals, consulting and legal services.

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 35 - FY2017 Community Preservation Fund Appropriations

To see if the Town will vote to appropriate from the Community Preservation Fund to reserve for future appropriation a sum of money from the Community Preservation Fund estimated annual revenues for open space, historic resources, and community housing purposes, as well as a sum of money to be placed in the 2017 Budgeted Reserve for general Community Preservation Act purposes, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Deborah Aikman, Chairman Community Preservation Committee, moved that the Town appropriate and reserve from Fiscal Year 2017 Community Preservation Fund estimated annual revenue the following sums for each respective purpose:

Reserve;

Open Space	\$100,000
Historic Resources	\$100,000
<u>Community Housing</u>	<u>\$100,000</u>
Total Reserves	\$300,000

Explanation: The Community Preservation Act requires that each year 10% of estimated revenue being reserved or expended for each of the following categories; Open Space, Community Housing and Historic Resources. This article fulfills that requirement. In subsequent articles, the motions presented transfer these funds out of these reserves to fund the projects. If one or more of the articles does not receive Town Meeting approval, the funding remains in the reserves amounts per the statutory requirement.

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 36 – Community Preservation – Affordable Housing Voucher Program

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to provide funds for the Chatham Resident Voucher Program, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Alan Mowry, Community Preservation Committee, moved that the Town vote to appropriate the sum of \$150,000 with \$100,000 to be transferred from Affordable Housing Reserves and \$50,000 from FY 2017 Community Preservation Fund revenues, in order to fund the Affordable Housing Voucher Program.

Explanation: This article is a continuation of the successful rental assistance program providing affordable rentals units in Chatham. The last funding for the program was five years ago when the Town approved \$239,720 for FY2012. By providing funds to reduce the rent, an unaffordable unit now becomes an affordable one. Tenants are required to meet income requirements, where they are at or below 60% of the Barnstable County Area median income. The landlords would have to provide year-round leases with a rental rate that, with this assistance, is affordable to the renting household. This program expects to assist 12 families for a period of three years as the demand for rental assistance remains high.

Community Preservation Committee Recommendation:

Approve 4-3-0

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 7-1-0

VOTE: Voice. So voted unanimously.

Article 37 – Community Preservation – Affordable Housing Trust Fund

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to fund the Affordable Housing Trust Fund, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Victor DiCristina, Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$200,000 from FY2017 Community

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Preservation Fund Revenues to the Affordable Housing Trust Fund.

Explanation: The Affordable Housing Trust Fund (AHTF) was created by Town Meeting in 2006. The AHTF is administered by the Board of Selectmen and two other appointed trustees, and is governed by the “Guidelines for the Disbursement of Funds in the AHTF”. This request would replenish the AHTF with a balance that allows the Town to respond to opportunities in the housing market in a time-sensitive and efficient manner, not having to wait for a future Town Meeting for approval. The current balance in the AHTF is \$467,987; approval of this article would raise the balance to approximately \$668,000 (a more realistic figure in the marketplace if a property were to become available for purchase).

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 7-1-0

VOTE: Voice. So voted unanimously.

Article 38 – Community Preservation – Habitat For Humanity

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to supplement funds for the construction of Community Housing at 1556 Main Street in West Chatham by Habitat for Humanity, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Richard Stenberg, Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$23,919 from FY2017 Community Preservation Revenues in order to provide funds to Habitat for Humanity for the continued construction of four affordable units at 1556 Main Street in West Chatham.

Explanation: In FY2014, the Town voted to appropriate \$160,000 of Community Preservation funds to Habitat for Humanity to be used for the construction of four affordable dwellings at 1556 Main Street in West Chatham. This request would supplement those funds as the construction site proved to have challenges, and costs have proved greater than anticipated. Habitat is requesting these funds in order to continue construction in a timely manner to complete these four homes.

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 8-0-0

VOTE: Voice. So voted unanimously.

Article 39 – Community Preservation – HECH HELP Program

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to provide the Harwich Ecumenical Council for the Homeless (HECH) with funding for a Housing Emergency Loan Program (HELP) for Chatham residents, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Alan Mowry, Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$112,000 from FY2017 Community Preservation Revenues for the Housing Emergency Loan Program (HELP) administered by Harwich Ecumenical Council for the Homeless (HECH).

Explanation: This program provides technical and financial assistance to bring properties up to current codes; upgrade failing systems to energy efficient systems; and ensure decent, safe, warm and sanitary housing conditions for low to moderate income qualifying Chatham residents. The applications are income qualified and funds are administered by HECH. The funds are provided as a 15-year forgivable loan; however if the property is sold before prior to the 15 year term the funds are repaid to HECH. The funds are estimated to assist five Chatham households.

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 7-1-0

VOTE: Voice. So voted unanimously.

Article 40 – Community Preservation – Mayo House Exterior Restoration

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to fund the exterior restoration at the Mayo House at 540 Main Street; or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Deborah Aikman, Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$83,166 from Historic Preservation Reserves in order to fund the historic restoration of the exterior of the Mayo House at 540 Main Street.

Explanation: The Mayo House (c. 1818) is a ‘three-quarter Cape’ located at 540 Main Street (across from Town Offices) in Chatham and is owned by the Chatham Conservation Foundation. The Foundation has spent approximately \$50,000 on interior restoration projects since it took ownership in 1976. At this time the Mayo House is in need of restoration on the exterior of the building. It is in need of a new roof (red cedar), new wooden gutters, trim around the windows, storm windows (wood) in the style of the period, siding on the front door and siding on one side of the building.

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 7-0-2

VOTE: So voted unanimously.

Article 41 – Community Preservation – First Methodist Church Exterior

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to provide funds to restore and preserve the historical exterior features at the First Methodist Church, located at the corner of Main and Cross Streets, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Deborah Aikman, Chairman Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$226,000 from FY2017 Community Preservation Fund revenues in order to fund the restoration and preservation of the exterior of the First Methodist Church.

Explanation: The First United Methodist Church, located at the corner of Main and Cross Streets, was constructed in 1849. The clock was installed in the steeple in 1892 and donated to the Town at that time. Over the past thirteen years, the congregation has spent \$1,062,275 toward numerous projects that include restoration, preservation and

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upgrades to the building. The funds requested would be used for the exterior of the building, specifically the front on the building on Main Street and side on Cross Street. The Chatham Historical Commission “voted to formally offer their support by determining that the Church building and property is a historically significant structure in the town of Chatham” in its letter dated December 1, 2015.

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation: **Disapprove 1-3-1**

Finance Committee Recommendation: **Disapprove 2-5-2**

VOTE: Voice. In my opinion, a majority has voted in favor, I will declare the article has passed, stated the Moderator.

Article 42 – Community Preservation – Caleb Nickerson House

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money as it determines necessary to provide funds to exterior restoration at the Caleb Nickerson House, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Deborah Aikman, Community Preservation Committee, moved that the Town vote to appropriate the sum of \$25,000, with \$16,834 to be transferred from Historic Preservation Reserves, and \$8,166 from FY2017 Community Preservation Fund revenues in order to fund the restoration and preservation of the exterior features of the Caleb Nickerson House.

Explanation: The c. 1829 Caleb Nickerson House is located at 1107 Main Street in North Chatham, and is open as a museum run by the non-profit Nickerson Family Association. The House is a full Cape of one-and-one-half stories and was moved to its present location in 2003. The move of the house and the restoration of the beehive oven were, in part, funded by the CPA in 2003. This request is for \$25,000 to supplement donations that the Nickerson Family Association has already raised toward the \$60,000 necessary for the project. The historic renovations include: restore trim and window casings; re-shingle sidewalls; replace selected windows with period antique wavy glass; restore period

paint trim; restore authentic ‘period fence’ at the Caleb House Colonial Garden.

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation: **Approve 5-0-0**

Finance Committee Recommendation: **Approve 9-0-0**

VOTE: Voice. So voted unanimously.

Article 43 – Community Preservation – St Martin’s (Masonic) Lodge - Roof

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to provide funds to restore the roof on the historic building known as St. Martin’s Lodge on Old Harbor Road, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Robert Dubis, Community Preservation Committee, moved that the Town vote to appropriate and transfer from \$23,000 from FY2017 Community Preservation Fund revenues in order to fund the restoration of the roof at the Masonic Lodge (St. Martin’s Lodge) on Old Harbor Road.

Explanation: This article seeks funds for the replacement of the roof on St. Martin’s Masonic Lodge on Old Harbor Road. The building dates to the 1850s when it was built as the Baptist Church. Town Meeting approved \$56,030 in CPA funds in 2012 for exterior repairs but the roof was not included in that appropriation.

Community Preservation Committee Recommendation:

Approve 8-1-0

Board of Selectmen Recommendation: **Disapprove 2-3-0**

Finance Committee Recommendation: **Disapprove 0-8-1**

VOTE: Voice. So voted by more than the required majority, declared the Moderator.

Article 44 – Community Preservation – South Chatham Playground

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money for improvements to the South Chatham Playground located off Bobbie’s Lane, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Ira Seldin, Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$6,000 from FY2017 Community Preservation Fund Revenues in order to fund design and engineering costs to provide a site plan for improvements to the South Chatham Playground located off Bobbie’s Lane.

Explanation: The Parks & Recreation Commission requests funds for design and engineering of improvements to the South Chatham playground located off Bobbie’s Lane. Currently there is a tennis court (lined for pickle-ball), a basketball net and limited playground equipment. This article provides funding for plans to improve the layout and equipment at the South Chatham Playground.

Community Preservation Committee Recommendation:

Approve 5-2-0

Board of Selectmen Recommendation: **Approve 5-0-0**

Finance Committee Recommendation: **Approve 9-0-0**

VOTE: Voice. So voted unanimously.

Article 45 – Community Preservation – Golf Course Improvements

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to fund improvements at Seaside Links Golf Course, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Ira Seldin, Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$35,000 from Community Preservation Undesignated Fund Balance to fund expansion of the irrigation system, installation of natural turf tee boxes and new tees at the Seaside Links Golf Course.

Explanation: The funds requested will provide for three projects at the Town owned golf course; 1) an expansion of the current irrigation system for the tee and approach at the 2nd & 6th holes; as well as the 7th approach, 8th ladies tee and 9th approach; 2) conversion to natural turf (from artificial) at the 3rd tee; and 3) two additional tee boxes (gold tees) specifically for seniors. These improvements will benefit the recreational experience of all golfers, as well as the aesthetic view of natural turf rather than artificial.

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Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation: Approve 5-0-0

Finance Committee Recommendation: Approve 8-1-0

VOTE: Voice. So voted by a very substantial majority, declared the Moderator.

Article 46 – Community Preservation – Sylvan Gardens ADA Access Trail

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sum of money to install a path with handicap access to the Town-owned Rolf E. Sylvan Gardens Conservation area located off Old Main Street, or take any other action in relation thereto.

(Community Preservation Committee)

MOTION: Michael Tompsett, Community Preservation Committee, moved that the Town vote to appropriate and transfer the sum of \$65,600 from FY 2017 Community Preservation Revenues for construction of a walking path and parking improvements at the Town-owned Rolf E. Sylvan Gardens Conservation area located off Old Main Street.

Explanation: These funds will be used to construct a wheelchair accessible trail that will facilitate public access to the Town-owned Rolf E. Sylvan Gardens Conservation area located off Old Main Street. The approximately 10-acre Rolf E. Sylvan Gardens Conservation Area was acquired by Town Meeting 2004 with the intention that it be accessible by the public. The trails lead through deep woods and open fields to broad pond views. In addition to the ADA compliant trail, the following items are included in the project: 5 benches situated along the trail and at the overlook; signage at the trailhead and directional signs along the trail; kiosk with map, regulations and information; one paved handicap parking space on Old Main St.; paved sidewalk from parking space to the trailhead. All construction will be within the town-owned road layout. This trail will be the first ADA-compliant trail in Chatham.

Community Preservation Committee Recommendation:

Approve 9-0-0

Board of Selectmen Recommendation: Approve 5-0-0

Finance Committee Recommendation: Approve 9-0-0

VOTE: Voice. So voted unanimously. Article 47 – General Bylaw Amendment; Chapter 158 Historic Preservation

Strikethrough indicates language proposed for deletion

Underline indicates language proposed for inclusion

Bold Italicized Words are defined in the existing Bylaw

To see if the Town will vote to amend Chapter 158-2 Historic Preservation of the Town of Chatham General Bylaws as follows:

To amend the Definition of ***Demolition*** as follows:

Means the act of pulling down, destroying, removing, or razing a ***Building or Structure***, in whole or in part (including the ***Demolition*** of exterior walls or roof), so as to cause the loss of Historically Significant Materials, or commencing such work with the intent of completing the same, all as determined by the Building Commissioner; including the removal of Historically Significant Materials in connection with an addition; provided, however, that the term “***Demolition***” shall not include the ordinary maintenance or repair ~~or an addition~~ to any building or structure.”

And to also amend Section 158-2 by adding the following definition:

Historical Significant Materials means exterior or structural materials more than 75 years old and which has been determined by the Commission to meet one or more of the three conditions (A or B or C) set forth in Section 158-2. Definitions, under “***Historically Significant Building or Structure***”.

(Historical Commission)

MOTION: Seth T. Taylor, Board of Selectmen, moved that the Town vote to amend its General Bylaw as printed in the Warrant for Article 47.

Explanation: Chapter 158 of the Town of Chatham Bylaws gives the Historical Commission jurisdiction over the “act of pulling down, destroying, removing or razing a building or structure in whole or in part (including the demolition of exterior walls or roof)”. However, the language of Chapter 158-3.A diminishes that authority, intentional or not, by exempting “ordinary maintenance or repair or an addition...” Town Counsel believes that the reference in the Bylaw, to “ordinary maintenance and repair” is clear

but the reference to “an addition” is not and thus, has recommended that the Bylaw be revised to clarify the Commission’s jurisdiction when one or more additions are proposed to be added to a “historically significant structure”.

The proposed changes are consistent with current Historical Commission practices and focus on the extent of demolition proposed to a historically significant structure, which is consistent with the intent and purpose of Chapter 158. Historic Preservation:

“It is the intent and purpose of this chapter to preserve and protect from demolition, whenever possible, historically significant buildings or structures; to encourage owners of such buildings or structures to explore and develop alternatives to such demolition and thereby to preserve the historic resources of the Town, make the Town a more attractive and desirable place in which to live and so promote the general welfare.”

Board of Selectmen Recommendation: Approve 5-0-0

Finance Committee Recommendation: Approve 7-0-0

VOTE: Voice. So voted unanimously.

Article 48 – Chapter 272 Wetlands Protection

Strikethrough indicates language proposed for deletion

Underline indicates language proposed for inclusion

To see if the Town will vote to amend its General Bylaws, Chapter 272 Wetlands Protection, **Section 272-6. Notices and hearings** [Amended 5-10-2004 ATM by Art. 15] as follows:

A. Any person filing an application ~~or a request for determination~~ with the Commission at the same time shall give written notice, thereof, by certified mail or hand delivery, to all abutters according to the most recent records of the Assessors, including those across a traveled way, and to all other persons as the Commission shall in writing require.

(1) The notice shall enclose a copy of the application ~~or request~~ with plans, or shall state where copies may be examined and obtained by abutters.

(2) ~~When a person requesting a determination is other than the owner, the request, the~~

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notice of the hearing and the determination itself shall be sent by the Commission to the owner as well as to the person making the request, and the applicant shall supply the Commission with the name and current address of the owner.

B. When a person filing a request for determination is other than the owner, the request, the notice of the hearing and the determination itself shall be sent by the Commission to the owner as well as to the person making the request, and the applicant shall supply the Commission with the name and current address of the owner.

All existing subsections shall be re-lettered C-G.

Or take any other action in relation thereto.
(Conservation Commission)

MOTION: NO MOTION

Explanation: The Conservation Commission believes that requiring abutter notification for Requests for Determination (RDA) is an unnecessary burden on the applicant and provides no substantial benefit to abutters. When reviewing an RDA the Commission makes either a negative determination, meaning the project has no or de minimis impact such that no further review or condition(s) is required, or a positive determination, meaning the project impact(s) is such that a Notice of Intent is required with the accompanying abutter notification.

Board of Selectmen Recommendation:
Approve 3-2-0

Finance Committee Recommendation:
Disapprove 3-4-0

Article 49 – Perpetual Conservation Restrictions

To see if the Town will vote to grant perpetual conservation restrictions for the below identified property as authorized under MGL Ch.184, § 31-33, to be held by a land trust, qualified conservation organization or appropriate state agency, and to place the land under the care, custody and control of the Conservation Commission pursuant to MGL Ch. 40, § 8C, or take any other action in relation thereto.

Assessors Map 3E-67-E7

Assessors Map TBD Lot 7 Twine Field
Lot 6 (Habitat for
Humanity, Main St.)

(Conservation Commission)

MOTION: Jeffrey S. Dykens, Chairman, Board of Selectmen, moved that the Town vote to grant perpetual conservation

restrictions for the properties, as identified in the warrant, as authorized under MGL Chapter 184, Sections 31-33, to be held by a land trust, qualified conservation organization or appropriate state agency, and to place the land under the care, custody and control of the Conservation Commission pursuant to MGL Chapter 40, Section 8C.

Explanation: The identified properties in this article were gifted (donated) to the Town for the purposes of conservation and/or open space and/or passive recreation. A Conservation Restriction is a separate document recorded at the registry of deeds that contains language detailing the protection of the properties. Conservation Restrictions follow a state specified format, however, the details of each Conservation Restriction can be written to reflect the uniqueness of each property.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Disapprove 2-4-0

VOTE: Voice. So voted unanimously.

Article 50 – Easement to Eversource (NSTAR)

To see if the Town will vote to authorize the Board of Selectmen to grant to Eversource (NSTAR) Electric Company, 800 Boylston Street, Boston, MA 02119; its successors, assigns, and licensees, herein referred to as the Grantee the right and easements (as more particularly described below) for underground lines for distribution of electricity, and lines for control, relay and communica-

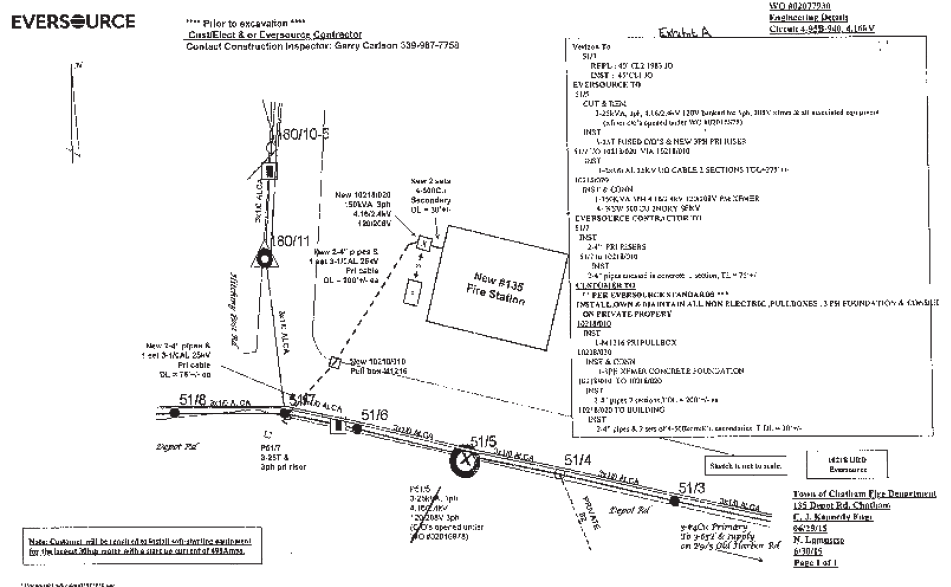
tion purposes over, across, upon and under a certain parcel of land (the "Premise" as more particularly described in the Deed filed in the Barnstable County Registry of Deeds in Book 667, page 47) owned by the Grantor located at 135 Depot Road in Chatham, Massachusetts which is approximately shown on a sketch labeled Exhibit A, and to authorize the Board of Selectmen to do all things necessary to carry out the provisions of this article, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Timothy L. Roper, Board of Selectmen, moved that the Town vote to authorize the Board of Selectmen to grant Eversource (NSTAR) Electric Company, 800 Boylston Street, Boston, MA 02119, its successors, assigns, and licensees, herein referred to as the Grantee the right and easements (as more particularly described below) for underground lines for distribution of electricity, and lines for control, relay and communication purposes over, across, upon and under a certain parcel of land (the “Premise” as more particularly described in the Deed filed in the Barnstable County Registry of Deeds in Book 667, page 47) owned by the Grantor located at 135 Depot Road in Chatham, Massachusetts which is approximately shown on a sketch labeled Exhibit A, and to authorize the Board of Selectmen to do all things necessary to carry out the provisions of this article.

Explanation: The Selectmen have the authority to grant a revocable license (approved 9/15/2015) for utilities to install, construct,

Article 50



Town of Chatham – Annual Town Meeting Minutes – Monday, May 9, 2016

reconstruct, alter, extend, operate, inspect, maintain, repair, replace and remove equipment until such time as an easement is granted upon authorization by Town Meeting. This article, if approved, will authorize the Selectmen to transfer an easement interest in the subject property to Eversource for the stated utility purposes; service to the new Fire Station.

Board of Selectmen Recommendation:

Approve 5-0-0

Finance Committee Recommendation:

Approve 5-0-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted unanimously.

Article 51 – Easement to Verizon; Depot Road

To see if the Town will vote to authorize the Board of Selectmen to grant, to Verizon New England Inc., 125 High Street, Oliver Tower, Floor 7, Boston, MA 02110 (herein called the “Grantee”), its successors and

assigns, the non-exclusive and perpetual right and easement to, access, erect, construct, dig up, dredge, reconstruct, connect, install lay, operate, maintain, patrol, inspect, repair, replace, alter, extend or remove one or more lines for the transmission and/or distribution of telecommunications including the necessary poles, anchors, wires, cables, conduits, manholes, and associated surface closures, terminals, pedestals, fixtures, pads, foundations, appurtenances and other apparatus and equipment, deemed necessary for the purposes specified above, as the Grantee may from time to time desire along, upon, across, under and over a portion of land of which the Town is the sole owner as now laid out and shown on Barnstable County Registry of Deeds at Plan Book 667, Page 47, and which is approximately shown on the sketch labeled Exhibit B, and to authorize the Board of Selectmen to do all things necessary to carry out the provisions of this article, or take any other action in relation thereto.

(Board of Selectmen)

MOTION: Cory J. Metters, Board of Selectmen, moved that the Town vote to authorize the Board of Selectmen to grant, to Verizon New England Inc., 125 High Street, Oliver Tower, Floor 7, Boston, MA 02110 (herein called the “Grantee”), its successors and assigns, the non-exclusive and perpetual right and easement to, access, erect, construct, dig up, dredge, reconstruct, connect, install lay, operate, maintain, patrol, inspect, repair, replace, alter, extend or remove one or more lines for the transmission and/or distribution of telecommunications including the necessary poles, anchors, wires, cables, conduits, manholes, and associated surface closures, terminals, pedestals, fixtures, pads, foundations, appurtenances and other apparatus and equipment, deemed necessary for the purposes specified above, as the Grantee may from time to time desire along, upon, across, under and over a portion of land of which the Town is the sole owner as now laid out and shown on Barnstable County Registry of Deeds at Plan Book 667, Page 47, and which is approximately shown on the sketch labeled Exhibit B, and to authorize the Board of Selectmen to do all things necessary to carry out the provisions of this article.

Explanation: The Selectmen have the authority to grant a revocable license (approved 2/23/2016) for utilities to access, erect, construct, dig up, dredge, reconstruct, connect, install lay, operate, maintain, patrol, inspect, repair, replace, alter, extend or remove one or more lines including the necessary poles, anchors, wires, cables, conduits, manholes, and associated surface closures, terminals, pedestals, fixtures, pads, foundations, appurtenances and other apparatus and equipment until such time as an easement is granted upon authorization by Town Meeting. This article, if approved, will authorize the Selectmen to transfer an easement interest in the subject property to Verizon for the stated utility purposes; service to the new Fire Station.

Board of Selectmen Recommendation:

Approve 5-0-0

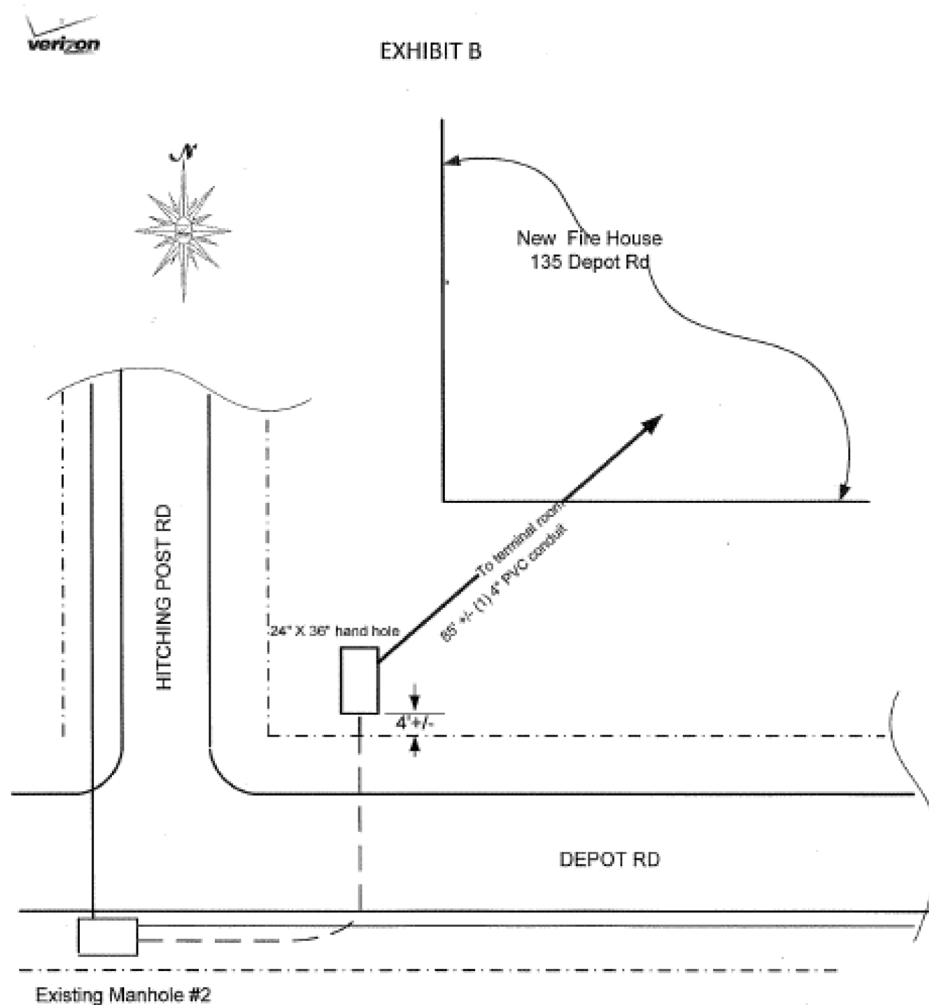
Finance Committee Recommendation:

Approve 5-0-0

Vote Required: Two-Thirds Majority

VOTE: Voice. So voted.

Article 51



Town of Chatham – Annual Town Meeting Minutes – Monday, May 9, 2016

Article 52 – Acceptance of Public Ways - Battlefield Road, Cedar Street, Champlain Road, Port Fortune Lane, Sears Road, Stage Harbor Road, and Stage Neck Road

To see if the Town will vote to accept the layouts as public ways of Battlefield Rd., Cedar St., Champlain Rd., Port Fortune Ln., Sears Rd., Stage Harbor Rd., and Stage Neck Rd., as shown on a plan entitled “Plan of land in Chatham showing the Taking of Battlefield Road, Cedar Street, Champlain Road, Port Fortune Lane, Sears Road, Stage Harbor Road, and Stage Neck Road, including necessary easements”, dated _____, 2016 and prepared by J.M. O’Reilly & Associates, which layouts shall have been filed in the Office of the Town Clerk, not later than seven days prior to the date of the vote hereunder and to authorize the Board of Selectmen to acquire by gift, purchase or eminent domain taking any land or interests necessary for the purposes of such ways as so laid out,

and to appropriate and transfer from available funds the sum of \$ _____ and/or to raise said appropriation, the Treasurer, with the approval of the Board of Selectmen, be authorized to borrow at one time, or from time to time, under and pursuant to Chapter 44 Section 7 or 8 or any other enabling authority for such purchase or taking and layout, including costs of constructing such ways and legal, financing and other costs incidental and related thereto; and further to authorize the Board of Selectmen to assess betterments to the owners of the land abutting the ways, or take any other action relating thereto.

(Board of Selectmen)

NO MOTION

Explanation: This Article requests Town Meeting approval of the revised layouts of the subject roads and authorization for the Board of Selectmen to proceed to acquire the necessary easements within the layouts to

establish the road as Town ways. This action is necessary due to procedural irregularities with respect to the Town’s prior layout/easement acquisition actions in 1997 and, if authorized, will confirm the revised layouts for these roads and eliminate any question as to their status as public/ Town ways.

**Board of Selectmen Recommendation:
Recommendation from Town Meeting
Floor**

**Finance Committee Recommendation:
Recommendation from Town Meeting
Floor**

**MOTION TO ADJOURN: At 7:00 p.m.,
Selectman Timothy Roper moved to
adjourn.**

VOTE: Voice. So voted unanimously.

**Respectfully submitted,
Julie S. Smith, MMC/CMMC
Town Clerk**

Town of Chatham – Annual Town Election Minutes – Thursday, May 12, 2016

This Annual Town Election, called by the Board of Selectmen as required by law on a Warrant duly posted by Constable Thomas R. Pennypacker, II on April 6, 2016, was held on Thursday, May 12, 2016 at the Chatham Community Center. The polls opened at 7:00 a.m.

Town Clerk Julie Smith and Warden Carol Barry examined the ballot boxes, demonstrated the boxes were empty and showed the ballot counters to be registered at zero. The Optical Scan electronic voting systems operated throughout the day without incident.

Inspectors Evelyn Ambriscoe, Joan Bag-nell, Beverly Brown, Ann Eldredge, Sandra Koski, Mary McDermott, Lillian McNulty, Louise Redfield, Jennifer Smith, Carol Tautkus, Assistant Town Clerk Paula Tobin, and Tellers David Porter and Sandi Porter all contributed to the success of this election.

The polls closed at 8:00 p.m. At the time of this election there were 5,367 registered voters in Chatham; 1,915 ballots were cast (36%).

BOARD OF SELECTMEN	TOTAL
BLANKS	505
JEFFREY S. DYKENS *	1243
AMANDA V. LOVE *	1054
JAMES M. UPSON	992
WRITE-INS (DAVID DAVIS)	36
TOTAL	3830

MONOMOY REGIONAL SCHOOL COMMITTEE	TOTAL
BLANKS	232
KAREN J. RYDER *	983
JACQUELINE MACY ZIBRAT-LONG	698
WRITE-INS	2
TOTAL	1915

HOUSING AUTHORITY	TOTAL
BLANKS	511
SHIRLEY L. SMITH *	1401
WRITE-INS	3
TOTAL	1915

QUESTION ONE (1)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 3-1 Elected Town Officers, In General

The offices to be filled by the voters shall be a board of selectmen, ~~a school committee~~, the town's representatives for the Monomoy Regional School Committee, a moderator, housing authority and such other regional authorities, districts or committees as may

be required by law of the commonwealth or inter-local agreement.

(~~Strikethrough~~ indicates language proposed for deletion. Underline indicates language proposed for addition.)

Summary: If approved, this proposed amendment would eliminate reference to the elected Chatham School Committee and substitute a reference to the Town's representatives on the Monomoy Regional School Committee in accordance with the Monomoy Regional School District Agreement.

BLANKS	215
YES *	1504
NO	196
TOTAL	1915

QUESTION TWO (2)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 3-3 School Committee

(a) Composition, Terms of Office

~~There shall be a school committee composed of five members elected for terms of three years each, so arranged that the terms of as nearly an equal number of members as is possible expire each year.~~

(b) Powers and Duties

~~The school committee shall have general charge of the public schools of the town. The school committee shall have the power to select and to terminate a superintendent of schools; establish educational goals and policies for the schools consistent with the requirements of the laws of the commonwealth and standards established by the commonwealth. The school committee shall have all the powers and duties given to school committees by the laws of the commonwealth.~~

(~~Strikethrough~~ indicates language proposed for deletion.)

Summary: If approved, this proposed amendment would eliminate reference to the elected Chatham School Committee as an elected body of the Town.

BLANKS	352
YES *	1266
NO	297
TOTAL	1915

QUESTION THREE (3)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 4-1 Appointment, Qualifications, Term of Office

The board of selectmen shall appoint a town manager and shall annually evaluate the performance of the town manager. The town manager shall be a person of proven administrative ability, especially qualified by education and training with at least five years full-time experience as a city or town manager or an assistant city or town manager or the equivalent experience in the public or private sector. The board of selectmen may from time to time establish such additional qualifications as deemed necessary and appropriate.

(Underline indicates language proposed for addition.)

Summary: If approved, this amendment would clarify that qualification for the office of Town Manager may be based upon at least five years full-time experience as a city or town manager or assistant city or town manager or equivalent prior experience in the public or private sectors.

BLANKS	207
YES *	1509
NO	199
TOTAL	1915

BALLOT QUESTION FOUR (4)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 4-6 Powers of Appointment

Except as otherwise provided by this charter, the town manager shall appoint, based on merit and fitness alone, and may remove all department heads, assistant department heads, officers, subordinates, employees serving under elected and appointed boards, commissions, committees and employees for whom no other method of selection and removal is provided in this charter except employees of the ~~school department~~ and housing authority.

Appointment of department heads by the town manager shall become effective on the fifteenth day following the day on which notice of the proposed appointment is filed with the board of selectmen unless the board of selectmen shall, within such period, by majority vote of the full board of selectmen, vote to reject such appointment.

Section 4-7 Administrative Powers and Duties

(h) To be responsible for rental, use, maintenance, repair and the development of a comprehensive maintenance program for all town facilities.; ~~except those under the~~

Town of Chatham – Annual Town Election Minutes – Thursday, May 12, 2016

jurisdiction of the school committee;

- (i) to serve as the chief procurement officer and be responsible for the purchase of all supplies, materials and equipment except books and other educational materials for schools, and approve the award of all contracts for all town departments.; ~~with the exception of the school department;~~
- (k) To administer personnel policies, practices, and rules and regulations, any compensation plan and any related matters for all municipal employees, and to administer all collective bargaining agreements; ~~except for school department agreements, entered into by the town;~~
- (m) To be responsible for the negotiation of all contracts with town employees over wages and other terms and conditions of employment. ; except employees of the school department;

(~~Strikethrough~~ indicates language proposed for deletion.)

Summary: If approved, this proposed amendment would eliminate Charter references to the Chatham School Committee and Chatham School Department in accordance with the Monomoy Regional School District Agreement.

BLANKS	270
YES *	1401
NO	244
TOTAL	1915

BALLOT QUESTION FIVE (5)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 5-1 Organization of Town Government

(a) Method of Organization – Town Departments [Amended 5-11-2009 ATM by Art. 31, approved 5-13-2010 Annual Town Election; amended 1-10-2013 by Chapter 457, Acts of 2012]

The organization of town government into operating departments for the provision of services and the administration of government shall be the responsibility of the town manager. Subject only to the express prohibitions in the laws of the commonwealth or the provisions of this charter, the town manager may by administrative order reorganize, consolidate, create, merge, divide or abolish any town department or office, in whole or in part, establish such new town departments or offices as ~~he~~ the town manager deems necessary or advisable, and prescribe the functions and the administrative procedures to be followed by all such departments or offices.

At a minimum, the town manager shall provide for the following governmental functions:

- (i) administrative and finance; (ii) law enforcement; (iii) fire protection and rescue services; (iv) operation and maintenance of the town's roads, parks, buildings and other facilities; (v) management and protection of coastal resources; (vi) town planning and enforcement of zoning and building codes; (vii) enforcement of health and environmental regulations; and (viii) operation of the water and sewer systems.

Administrative orders made by the town manager shall become effective on the thirtieth (30) day following the day on which notice of the proposed administrative order is filed with the board of selectmen and the office of the town clerk unless the board of selectmen shall, within such period, by majority vote of the board of selectmen, vote to reject such administrative order or has earlier voted to affirm it. ~~For the convenience of the public, copies of administrative orders and votes of the board of selectmen establishing the nature of the town organization and any amendments thereto shall be available from the office of the town manager and the office of the town clerk and posted electronically and via other means that allow access by the public.~~

(b) Method of Organization – Town Boards, Commissions or Committees [Amended 5-11- 2009 ATM by Art. 31, approved 5-13-2010 Annual Town Election; amended 1-10- 2013 by Chapter 457, Acts of 2012]

Unless otherwise provided by this charter, the establishment and organization of boards, commissions or committees shall be the responsibility of the board of selectmen. Subject only to the express prohibitions of the laws of the commonwealth or the provisions of this charter, the board of selectmen may by vote prescribe the term of office, reorganize, consolidate, create, merge, divide or abolish any town board, commission or committee, in whole or in part, establish such new board, commission or committee as deemed necessary or advisable, and prescribe the functions, purpose and responsibilities of such boards, commissions or committees. Nothing in this section shall prohibit the town meeting from authorizing the appointment of one or more committees. Votes of town

meeting which authorize the formation of such committees shall state the charge, composition and town agency to be the appointing authority, if it is not the board of selectmen. The tenure of any such committee shall continue under its charge and until abolition by or change by a subsequent town meeting.

(c) Failure to Fill Vacancies – Town Boards, Commissions or Committees

Should the appointing authority fail to fill a vacancy on a board, commission, or committee within 45_ days of having been notified in writing by the town clerk of said vacancy, a majority of the remaining members of the board, commission, or committee may nominate a person for each such vacancy. Should the appointing authority fail to take action on said nomination within twenty-one (21) days, the nominee shall become a member of said board, commission or committee.

(d) Publication of Administrative Orders ~~[Amended 1-10-2013 by Chapter 457, Acts of 2012]~~

~~For the convenience of the public, copies of the administrative orders and votes of the board of selectmen establishing the nature of the town organization and any amendments thereto shall be available from the office of the town manager and the office of the town clerk and posted to the town's website. All boards, committees or commissions shall annually, on a date determined by the board of selectmen, submit a report of activities, achievements and other information to the board of selectmen.~~

- (d) Report of Activities - All boards, committees or commissions shall annually, on a date determined by the board of selectmen, submit a report of activities, achievements and other information to the board of selectmen.

Section 5-2 Sunset Provision [Amended 1-10-2013 by Chapter 457, Acts of 2012]

Annually, the board of selectmen shall consider the administrative and practical needs of all town boards, commissions and committees under the jurisdiction of the board of selectmen. During the course of such consideration, the board of selectmen shall review whether each board, commission or committee has a defined purpose or functions or if there is another possible method of achieving the mission of the board, commission or committee. If the board of selectmen determines that any board, commission or committee

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does not appear to serve a purpose or that another method of achieving the board, commission or committee's mission is desirable, the board of selectmen shall hold a public hearing and take any action deemed necessary.

~~All boards, committees or commissions shall annually, on a date determined by the board of selectmen, submit a report of activities, achievements and other information to the board of selectmen.~~

(Strikethrough indicates language proposed for deletion. Underline indicates language proposed for addition.)

Summary: If approved, these proposed amendments would: 1) revise the language in Section 5-1(a) to exclude a reference to gender, 2) specify the Town Manager's and Town Clerk's responsibility to make administrative orders available to the public at their offices, by electronic posting and by other means, 3) increase from 45 to 60 days the time within which an appointing authority may fill vacancies on Town boards, commissions or committees before a majority of the remaining members of any such board, commission, or committee may nominate a person for each such vacancy, 4) move the deleted language from Section 5-1(d) regarding publication of administrative orders to Section 5-1(a), and 5) move the deleted language from Section 5-2 regarding submission of annual reports to the Board of Selectmen to Section 5-1(d).

BLANKS	318
YES *	1376
NO	221
TOTAL	1915

BALLOT QUESTION SIX (6)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 6-1 Budget Process [Added 5-11-2009 ATM by Art. 31, approved 5-13-2010 Annual Town Election; amended 1-10-2013 by Chapter 457, Acts of 2012]

At the onset of the annual budget process, the town manager shall meet with the board of selectmen, the Monomoy Regional School Committee and the finance committee to discuss the upcoming operating and capital budgets.

Within a time fixed by by-law, prior to the annual meeting, the town manager shall submit to the board of selectmen and the finance committee a proposed operating and capital budget for all town departments, including

the operating and capital budgets as adopted by the Monomoy Regional School Committee, for the ensuing fiscal year with an accompanying budget message and supporting documents.

The budget as adopted by the Monomoy Regional School Committee shall be submitted to the town manager in sufficient time to enable the town manager to consider the effect of the school department's requested appropriation on the total town budget which is required to be submitted under this section. The budget message submitted by the town manager shall explain the budget in fiscal terms and in terms of work programs. It shall outline the proposed fiscal policies of the town for the ensuing fiscal year, describe important features of the proposed budget and indicate any major variations from the current budget, fiscal policies, expenditures and revenues together with reasons for the changes. The proposed budget shall provide a complete fiscal plan of all town funds and activities and shall be in the form the board of selectmen deems desirable.

Upon receipt of the town manager's proposed operating budget, the board of selectmen shall announce the date on which they intend to act on the budget, but that date shall not be earlier than 30 days after receipt.

(Underline indicates language proposed for addition.)

Summary: If approved, this amendment would establish the role of the Monomoy Regional School Committee in the annual Town budget process in recognition of the elimination of the Chatham School Committee.

BLANKS	280
YES *	1438
NO	197
TOTAL	1915

BALLOT QUESTION SEVEN (7)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 6-2 Capital Improvement Program [Amended 5-11-2009 ATM by Art. 31, approved 5-13-2010 Annual Town Election; amended 1-10-2013 by Chapter 457, Acts of 2012]

The town manager shall submit a five-year capital improvement program to the board of selectmen and the finance committee at the date fixed by bylaw for the submission of the proposed operating budget unless some other time is provided by bylaw. The capital improvement program shall contain information regarding the cost of such program

including a schedule of the existing principal and interest owed by the town. In addition, at least once every 10 years, a long-term facility master plan shall be created and/or updated for each of the major facility groups including but not limited to buildings, roads, sewer, water, storm drains, landings and piers, sidewalks, and parking facilities showing all major capital investments anticipated for the ensuing 20-25 years. Year one of the five-year capital improvement program shall be submitted as the capital improvement budget with the operating budget for the ensuing fiscal year.

Upon receipt of the Town Manager's proposed capital improvement budget, the Board of Selectmen shall announce the date on which they intend to act on the budget, but in no case earlier than 30 days after receipt.

~~The first year of the 5-year capital improvements program shall be submitted with the operating budget for the ensuing fiscal year. Upon receipt of the town manager's proposed capital improvement budget, the board of selectmen shall announce the date on which they intend to act on the budget, but the date shall not be earlier than 30 days after receipt.~~ (Strikethrough indicates language proposed for deletion. Underline indicates language proposed for addition.)

Summary: If approved, this amendment would require the Town Manager to prepare a long-range facilities' master plan at least once every 10 years in addition to the presently required five-year capital improvement program. The proposed long-term facility master plan would require the Town to project all anticipated major capital investments for the ensuing 20-25 years, thus, providing the Town Manager, Selectmen and the Finance Committee with advance notice of future investment requirements. The language also clarifies that the first year of the five-year capital improvement plan will be called the capital improvements budget. The language deleted in this section is redundant.

BLANKS	214
YES *	1557
NO	144
TOTAL	1915

Town of Chatham – Annual Town Election Minutes – Thursday, May 12, 2016

BALLOT QUESTION EIGHT (8)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 6-3 Finance Committee Action [Amended 5-11-2009 ATM by Art. 31, approved 5- 13-2010 Annual Town Election; amended 1-10-2013 by Chapter 457, Acts of 2012]

- (a) The finance committee shall, upon receipt of the operating and capital budgets from the town manager, consider in public meetings the detailed expenditures for each town department and agency. The finance committee may request the town manager to provide necessary information from any town agency. The town manager shall promptly meet requests of the finance committee.
- (b) The finance committee shall make budget recommendations and report those recommendations to the board of selectmen in sufficient time for the board of selectmen to consider those recommendations prior to the board of selectmen voting on the operating and capital budgets.
- (c) The finance committee shall report to the voters at the annual town meeting or at a special town meeting its advisory recommendations on all articles on the warrant for such town meetings.

(Underline indicates language proposed for addition.)

Summary: If approved, this amendment would require the Finance Committee to report to each annual or special town meeting its advisory recommendations on all warrant articles.

BLANKS	190
YES *	1604
NO	121
TOTAL	1915

BALLOT QUESTION NINE (9)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 8-2 Periodic Charter Review [Added 5-11-2009 ATM by Art. 31, approved 5-13- 2010 Annual Town Election]

At least once every five years a special committee shall be appointed by the board of selectmen for the purpose of reviewing the provisions of the charter and shall have the title of charter review committee. The charter review committee shall submit a report to town meeting concerning any proposed amendments or revisions to the charter which such committee deems necessary.

(Underline indicates language proposed for addition.)

Summary: If approved, this amendment would establish the name of the Charter Review Committee and require that it submit to Town Meeting, as it deems necessary, a report relative to any proposed amendments or revisions to the Charter.

BLANKS	275
YES *	1501
NO	139
TOTAL	1915

BALLOT QUESTION TEN (10)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 8-4 Rules of Interpretation

- (b) Number ~~and gender~~: Words imparting the singular number may extend and be applied to several persons or things; words imparting the plural number may include the singular, ~~words imparting the masculine gender shall include the feminine gender.~~

(Strikethrough indicates language proposed for deletion.)

Summary: If approved, this amendment would exclude a reference to gender in the Charter.

BLANKS	241
YES *	1471
NO	203
TOTAL	1915

BALLOT QUESTION ELEVEN (11)

Shall the Town of Chatham approve the Charter amendment proposed by the town meeting as stated and summarized below?

Section 8-5 Definitions

- (d) Majority Vote: the words “majority vote” shall mean a majority of those present and voting, provided a quorum is present when a vote is taken, unless a higher number is required by law, ~~this chapter, or by its own rules.~~

(Strikethrough indicates language proposed for deletion.)

Summary: If approved, this amendment would simplify and clarify the definition of “majority vote” as said term is referenced in the Charter.

BLANKS	215
YES *	1620
NO	80
TOTAL	1915

**Respectfully submitted,
Julie S. Smith, MMC/CMMC**

Town of Chatham – State Primary Election – Thursday, September 8, 2016

This State Primary Election, called by the Board of Selectmen as required by law on a Warrant duly posted by Constable Benjamin J. Nickerson on August 3, 2016, was held on Thursday, September 8, 2016 at the Chatham Community Center, located at 702 Main Street. The polls opened at 7:00 a.m.

Town Clerk Julie Smith, Assistant Town Clerk Paula Tobin, and Town of Chatham Computer Specialist James Cuddy examined the ballot box, demonstrated the box was empty and showed the ballot counter to be registered at zero. The Optical Scan electronic voting system operated throughout the voting hours without incident.

Election workers Evelyn Ambriscoe, Joan Bagnell, Danyel Bianchi-Matteson, Beverly Brown, Ann Eldredge, Genie Griffin-Hatch, Sandra Koski, Jennifer Smith, Carol Tautkus, Georgia Farrell, David Porter, and Sandi Porter contributed to the success of this election.

The polls closed at 8:00 p.m. At the time of this election there were 5,458 registered voters in Chatham. 991 ballots were cast (18%).

REPUBLICAN

*1,141 Registered Republican
(459 Republican Ballots Cast)*

REPRESENTATIVE IN CONGRESS

	TOTAL
BLANKS	25
MARK C. ALLIEGRO *	297
THOMAS JOSEPH O'MALLEY JR.	137
WRITE INS	0
Total	459

COUNCILLOR

	TOTAL
BLANKS	401
WRITE INS	58
Total	459

SENATOR IN GENERAL COURT

	TOTAL
BLANKS	2
JAMES H. CROCKER, JR.	183
ANTHONY E. SCHIAVI *	274
WRITE INS	0
Total	459

REPRESENTATIVE IN GENERAL COURT

	TOTAL
BLANKS	421
WRITE INS	38
Total	459

SHERIFF	TOTAL
BLANKS	65
JAMES M. CUMMINGS *	394
WRITE INS	0
Total	459

COUNTY COMMISSIONER	TOTAL
BLANKS	389
RONALD R. BEATY, JR. *	285
LINDA A. BOND *	240
WRITE INS	4
Total	918

DEMOCRAT

*1,149 Registered Democrat
(528 Democrat Ballots Cast)*

REPRESENTATIVE IN CONGRESS

	TOTAL
BLANKS	54
WILLIAM RICHARD KEATING *	471
WRITE INS	3
Total	528

COUNCILLOR

	TOTAL
BLANKS	135
JOSEPH C. FERREIRA *	391
WRITE INS	2
Total	528

SENATOR IN GENERAL COURT

	TOTAL
BLANKS	7
JULIAN ANDRE CYR *	257
SHEILA R. LYONS	253
BRIAN R. MANNAL	11
WRITE INS	0
Total	528

REPRESENTATIVE IN GENERAL COURT

	TOTAL
BLANKS 29	
SARAH K. PEAKE *	496
WRITE INS	3
Total	528

SHERIFF	TOTAL
BLANKS	122
RANDY P. AZZATO *	404
WRITE INS	2
Total	528

COUNTY COMMISSIONER	TOTAL
BLANKS	404
MARY PAT FLYNN *	320
MARK R. FOREST *	330
WRITE INS	2
Total	1056

GREEN-RAINBOW
*4 Registered Green-Rainbow
(0 Green-Rainbow Ballots Cast)*

REPRESENTATIVE IN CONGRESS

	TOTAL
BLANKS	0
WRITE INS	0
Total	0

COUNCILLOR

	TOTAL
BLANKS	0
WRITE INS	0
Total	0

SENATOR IN GENERAL COURT

	TOTAL
BLANKS	0
WRITE INS	0
Total	0

REPRESENTATIVE IN GENERAL COURT

	TOTAL
BLANKS	0
WRITE INS	0
Total	0

SHERIFF

	TOTAL
BLANKS	0
WRITE INS	0
Total	0

COUNTY COMMISSIONER	TOTAL
BLANKS	0
WRITE INS	0
Total	0

UNITED INDEPENDENT

*29 Registered United Independent
(4 United Independent Ballots Cast)*

REPRESENTATIVE IN CONGRESS

	TOTAL
BLANKS	0
WRITE INS	4
Total	4

COUNCILLOR

	TOTAL
BLANKS	1
WRITE INS	3
Total	4

SENATOR IN GENERAL COURT

	TOTAL
BLANKS	0
WRITE INS	4
Total	4

Town of Chatham – State Primary Election – Thursday, September 8, 2016

REPRESENTATIVE IN GENERAL COURT	TOTAL
BLANKS	0
WRITE INS	4
Total	4

SHERIFF	TOTAL
BLANKS	1
WRITE INS	3
Total	4

COUNTY COMMISSIONER	TOTAL
BLANKS	4
WRITE INS	4
Total	8

Respectfully submitted,
Julie S. Smith, MMC/CMMC
Town Clerk

Town of Chatham – State (Presidential) Election – Tuesday, November 8, 2016

This State Election, called by the Board of Selectmen as required by law on a Warrant duly posted by Constable Benjamin J. Nickerson on October 27, 2016, was held on Tuesday, November 8, 2016 at the Chatham Community Center, located at 702 Main Street. The polls opened at 7:00 a.m. and closed at 8:00 p.m.

Town Clerk Julie Smith, Assistant Town Clerk Paula Tobin, and Town of Chatham Computer Specialist James Cuddy examined the ballot box, demonstrated the box was empty and showed the ballot counter to be registered at zero. The Optical Scan electronic voting system operated throughout the voting hours without incident.

Election workers Evelyn Ambriscoe, Joan Bagnell, Carol Barry, Beverly Brown, Ann Eldredge, Charleen Greenhalgh, Genie Griffin-Hatch, Sandra Koski, Susan Mabile, Georgia Farrell, Lillian McNulty, David Porter, Sandi Porter, Louise Redfield, Ethel Shafter, Jennifer Smith, Carol Tautkus, Georgia Farrell, David Porter, and Sandi Porter contributed to the success of this election.

At the time of this election there were 5,636 registered voters in Chatham. Of note, for the first time, Early Voting was offered to all Massachusetts voters during the weeks of October 24th to November 4th. Early Vote ballots were cast by eligible voters in the Town Clerk's Office, sealed in an envelope, securely delivered to the polls on Election Day, and entered into the voting machine with all other ballots. During that timeframe, 1,659 voters cast Early Ballots (29.4%). Additionally, 547 Regular Absentee Ballots and 52 Overseas/Military Ballots were cast (10.4%). A total of 4,643 ballots of all types (Early, Absentee, and Regular) were processed on Election Day (83%).

PRESIDENT & VICE PRESIDENT (1)	TOTAL
BLANKS	79
CLINTON & KAINE *	2398
JOHNSON & WELD	216
STEIN & BARAKA	68
TRUMP & PENCE	1796
WRITE INS	86
TOTAL	4643

REPRESENTATIVE IN CONGRESS (1)	TOTAL
BLANKS	139
WILLIAM RICHARD KEATING *	2278
MARK C. ALLIEGRO	1686
CHRISTOPHER D. CATALDO	26
PAUL J. HARRINGTON	500
ANNA GRACE RADUC	11
WRITE INS	3
TOTAL	4643

COUNCILLOR (1)	TOTAL
BLANKS	1620
JOSEPH C. FERREIRA *	2990
WRITE INS	33
TOTAL	4643

SENATOR IN GENERAL COURT (1)	TOTAL
BLANKS	229
JULIAN ANDRE CYR	2188
ANTHONY E. SCHIAVI *	2222
WRITE INS	4
TOTAL	4643

REPRESENTATIVE IN GENERAL COURT (1)	TOTAL
BLANKS	1270
SARAH K. PEAKE *	3333
WRITE INS	40
TOTAL	4643

SHERIFF (1)	TOTAL
BLANKS	301
JAMES M. CUMMINGS *	2698
RANDY P. AZZATO	1639
WRITE INS	5
TOTAL	4643

COUNTY COMMISSIONER (2)	TOTAL
BLANKS	2882
MARY PAT FLYNN *	1970
RONALD R. BEATY, JR *	1645
LINDA A. BOND	1361
MARK R. FOREST	1421
WRITE INS	7
TOTAL	9286

BARNSTABLE ASSEMBLY DELEGATE (1)	TOTAL
BLANKS	1121
RONALD J. BERGSTROM *	3496
WRITE INS	26
TOTAL	4643

QUESTION 1: LAW PROPOSED BY INITIATIVE PETITION

Do you approve of a law summarized below, on which no vote was taken by the Senate or the House of Representatives on or before May 3, 2016?

SUMMARY

This proposed law would allow the state Gaming Commission to issue one additional category 2 license, which would permit operation of a gaming establishment with no table games and not more than 1,250 slot machines.

The proposed law would authorize the Commission to request applications for the additional license to be granted to a gaming establishment located on property that is (i) at least four acres in size; (ii) adjacent to and within 1,500 feet of a race track, including the track's additional facilities, such as the track, grounds, paddocks, barns, auditorium, amphitheatre, and bleachers; (iii) where a horse racing meeting may physically be held; (iv) where a horse racing meeting shall have been hosted; and (v) not separated from the race track by a highway or railway.

A **YES VOTE** would permit the state Gaming Commission to license one additional slot-machine gaming establishment at a location that meets certain conditions specified in the law.

A **NO VOTE** would make no change in current laws regarding gaming.

QUESTION ONE	TOTAL
BLANKS	218
YES	1211
NO *	3214
TOTAL	4643

Town of Chatham – State (Presidential) Election – Tuesday, November 8, 2016

QUESTION 2: LAW PROPOSED BY INITIATIVE PETITION

Do you approve of a law summarized below, on which no vote was taken by the Senate or the House of Representatives on or before May 3, 2016?

SUMMARY

This proposed law would allow the state Board of Elementary and Secondary Education to approve up to 12 new charter schools or enrollment expansions in existing charter schools each year. Approvals under this law could expand statewide charter school enrollment by up to 1% of the total statewide public school enrollment each year. New charters and enrollment expansions approved under this law would be exempt from existing limits on the number of charter schools, the number of students enrolled in them, and the amount of local school districts' spending allocated to them.

If the Board received more than 12 applications in a single year from qualified applicants, then the proposed law would require it to give priority to proposed charter schools or enrollment expansions in districts where student performance on statewide assessments is in the bottom 25% of all districts in the previous two years and where demonstrated parent demand for additional public school options is greatest.

New charter schools and enrollment expansions approved under this proposed law would be subject to the same approval standards as other charter schools, and to recruitment, retention, and multilingual outreach requirements that currently apply to some charter schools. Schools authorized under this law would be subject to annual performance reviews according to standards established by the Board.

The proposed law would take effect on January 1, 2017.

A **YES VOTE** would allow for up to 12 approvals each year of either new charter schools or expanded enrollments in existing charter schools, but not to exceed 1% of the statewide public school enrollment.

A **NO VOTE** would make no change in current laws relative to charter schools.

QUESTION TWO	TOTAL
BLANKS	137
YES *	2293
NO	2213
TOTAL	4643

QUESTION 3: LAW PROPOSED BY INITIATIVE PETITION

Do you approve of a law summarized below, on which no vote was taken by the Senate or the House of Representatives on or before May 3, 2016?

SUMMARY

This proposed law would prohibit any farm owner or operator from knowingly confining any breeding pig, calf raised for veal, or egg-laying hen in a way that prevents the animal from lying down, standing up, fully extending its limbs, or turning around freely. The proposed law would also prohibit any business owner or operator in Massachusetts from selling whole eggs intended for human consumption or any uncooked cut of veal or pork if the business owner or operator knows or should know that the hen, breeding pig, or veal calf that produced these products was confined in a manner prohibited by the proposed law. The proposed law would exempt sales of food products that combine veal or pork with other products, including soups, sandwiches, pizzas, hotdogs, or similar processed or prepared food items.

The proposed law's confinement prohibitions would not apply during transportation; state and county fair exhibitions; 4-H programs; slaughter in compliance with applicable laws and regulations; medical research; veterinary exams, testing, treatment and operation if performed under the direct supervision of a licensed veterinarian; five days prior to a pregnant pig's expected date of giving birth; any day that pig is nursing piglets; and for temporary periods for animal husbandry purposes not to exceed six hours in any twenty-four hour period.

The proposed law would create a civil penalty of up to \$1,000 for each violation and would give the Attorney General the exclusive authority to enforce the law, and to issue regulations to implement it. As a defense to enforcement proceedings, the proposed law would allow a business owner or operator to rely in good faith upon a written certification or guarantee of compliance by a supplier. The proposed law would be in addition to any other animal welfare laws and would not prohibit stricter local laws.

The proposed law would take effect on January 1, 2022. The proposed law states that if any of its parts were declared invalid, the other parts would stay in effect.

A **YES VOTE** would prohibit any confinement of pigs, calves, and hens that prevents them from lying down, standing up,

fully extending their limbs, or turning around freely.

A **NO VOTE** would make no change in current laws relative to the keeping of farm animals.

QUESTION THREE	TOTAL
BLANKS	135
YES *	3570
NO	938
TOTAL	4643

QUESTION 4: LAW PROPOSED BY INITIATIVE PETITION

Do you approve of a law summarized below, on which no vote was taken by the Senate or the House of Representatives on or before May 3, 2016?

SUMMARY

The proposed law would permit the possession, use, distribution, and cultivation of marijuana in limited amounts by persons age 21 and older and would remove criminal penalties for such activities. It would provide for the regulation of commerce in marijuana, marijuana accessories, and marijuana products and for the taxation of proceeds from sales of these items.

The proposed law would authorize persons at least 21 years old to possess up to one ounce of marijuana outside of their residences; possess up to ten ounces of marijuana inside their residences; grow up to six marijuana plants in their residences; give one ounce or less of marijuana to a person at least 21 years old without payment; possess, produce or transfer hemp; or make or transfer items related to marijuana use, storage, cultivation, or processing.

The measure would create a Cannabis Control Commission of three members appointed by the state Treasurer which would generally administer the law governing marijuana use and distribution, promulgate regulations, and be responsible for the licensing of marijuana commercial establishments. The proposed law would also create a Cannabis Advisory Board of fifteen members appointed by the Governor. The Cannabis Control Commission would adopt regulations governing licensing qualifications; security; record keeping; health and safety standards; packaging and labeling; testing; advertising and displays; required inspections; and such other matters as the Commission considers appropriate. The records of the Commission would be public records. The proposed law would authorize cities and towns to adopt reasonable restrictions on the time, place,

Town of Chatham – *State (Presidential) Election – Tuesday, November 8, 2016*

and manner of operating marijuana businesses and to limit the number of marijuana establishments in their communities. A city or town could hold a local vote to determine whether to permit the selling of marijuana and marijuana products for consumption on the premises at commercial establishments.

The proceeds of retail sales of marijuana and marijuana products would be subject to the state sales tax and an additional excise tax of 3.75%. A city or town could impose a separate tax of up to 2%. Revenue received from the additional state excise tax or from license application fees and civil penalties for violations of this law would be deposited in a Marijuana Regulation Fund and would be used subject to appropriation for administration of the proposed law.

Marijuana-related activities authorized under this proposed law could not be a basis for adverse orders in child welfare cases ab-

sent clear and convincing evidence that such activities had created an unreasonable danger to the safety of a minor child.

The proposed law would not affect existing law regarding medical marijuana treatment centers or the operation of motor vehicles while under the influence. It would permit property owners to prohibit the use, sale, or production of marijuana on their premises (with an exception that landlords cannot prohibit consumption by tenants of marijuana by means other than by smoking); and would permit employers to prohibit the consumption of marijuana by employees in the workplace. State and local governments could continue to restrict uses in public buildings or at or near schools. Supplying marijuana to persons under age 21 would be unlawful.

The proposed law would take effect on December 15, 2016.

A **YES VOTE** would allow persons 21 and older to possess, use, and transfer marijuana and products containing marijuana concentrate (including edible products) and to cultivate marijuana, all in limited amounts, and would provide for the regulation and taxation of commercial sale of marijuana and marijuana products.

A **NO VOTE** would make no change in current laws relative to marijuana.

QUESTION FOUR	TOTAL
BLANKS	104
YES	1928
NO *	2611
TOTAL	4643

**Respectfully submitted,
Julie S. Smith, MMC/CMMC
Town Clerk**

